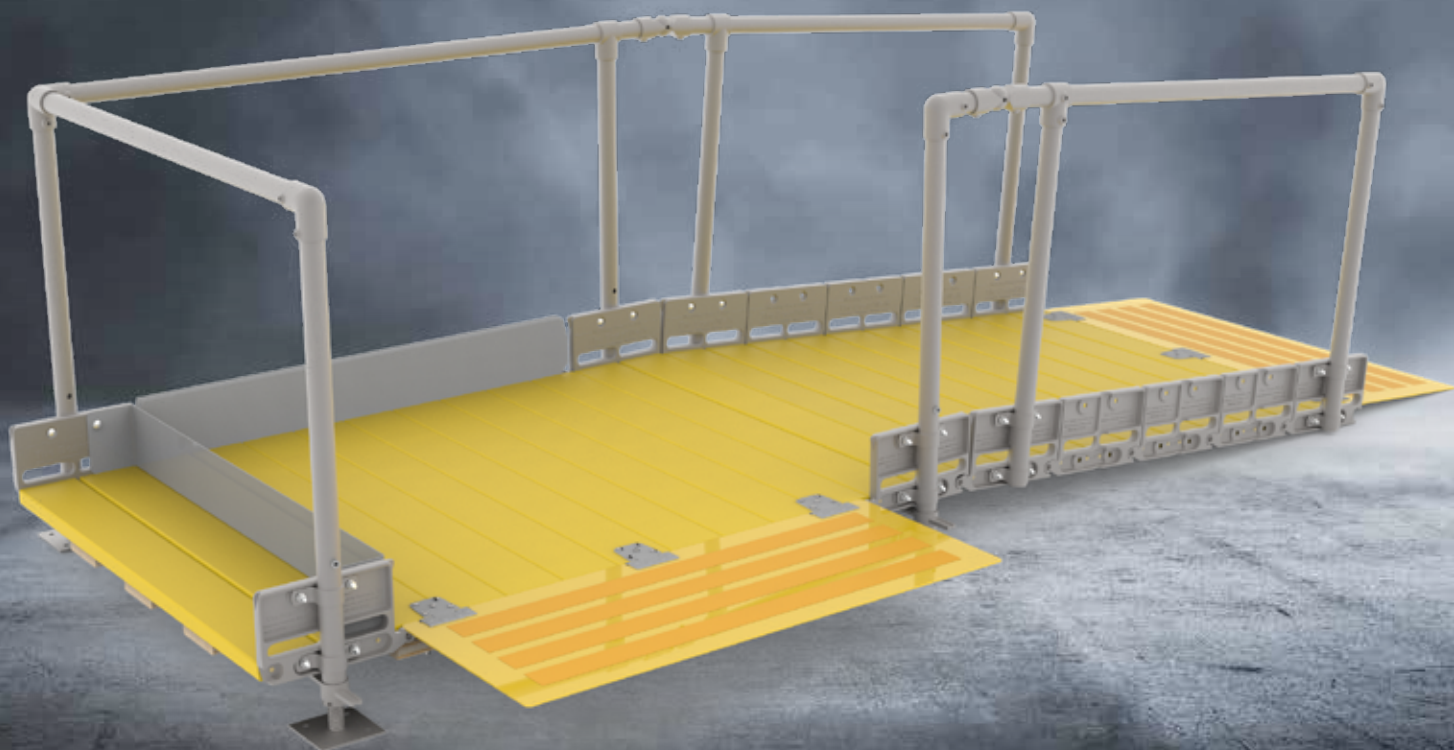


# RightPath **BOARDWALK** RAMP and Platform System — ASSEMBLY INSTRUCTIONS —



**CONTACT:**

Call 800.662.6338 to talk to a Service Representative.

**HOURS:**

8 AM to 5 PM (E.T.)  
Monday through Friday



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# GENERAL INTRODUCTION

## 2.1 – INTRODUCTION

The BoardWalk System provides accessible, detectable, and safe guidance where temporary access routes cross curbs at locations other than permanent sidewalk crossings. The BoardWalk System replaces curb transitions and temporary ramps that are non-compliant.

This assembly guide features five of BoardWalk's most common configurations for the RAMP and full System. Component assembly instructions on the left-hand column of the guide index begin by detailing basic BoardWalk component assembly. The right-hand column of the guide index provides instructions of these five most common BoardWalk configurations. The configuration assembly instructions utilize the assembled components required to build your specified configuration.

If your required BoardWalk configuration is not listed in this guide, please contact PSS for your specific assembly instructions.

## 2.2 – RAMP HEIGHT SPECIFICATIONS:

The correct ramp slope is a 1:12 ratio.

The number of modular ramp sections determines the slope of BoardWalk RAMP. The number of sections differs when using BoardWalk RAMP or complete BoardWalk System. The number of sections required is not the same.

To determine the correct number of ramp sections for either BoardWalk RAMP or System:

- » Which orientation of ramp do you require?
- » What is the height of the curb at the installation site?

With those questions answered, use this chart to determine the number of sections required per ramp orientation.

### To maintain a 1:12 ratio, how many RAMP sections are needed?

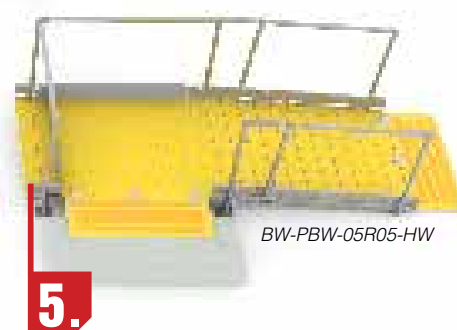
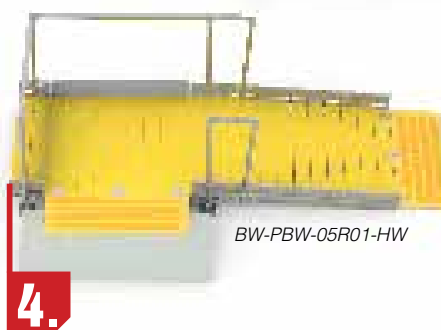
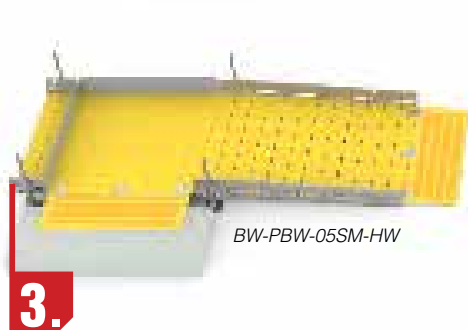
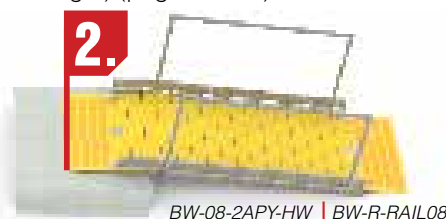
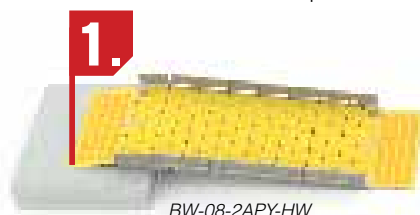
Curb Height (In.)	Perpendicular	Parallel
1	3	N/A
2	4	3
3	5	3
4	6	3
5	7	4
6	8	5
7	9	6
8	10*	7
9	11*	8
10	12*	9
11	13*	10*
12	14*	11*
13	15*	12*

\* Midway supports required for RAMPs longer than 9 sections.

## 2.3 – COMMON CONFIGURATIONS

The BoardWalk System is a modular design to be compatible in various types of workzones and obstacles. While there are many ways to arrange BoardWalk, below are the five most common configurations of the BoardWalk RAMP or BoardWalk System.

1. Eight Section BoardWalk Ramp (No Handrails) (6" curb height) (pages 20-21)
2. Eight Section BoardWalk Ramp (Full Handrails) (6" curb height) (pages 22-25)
3. Five Section BoardWalk Ramp and Platform (No Handrails) (6" curb height) (pages 26-31)
4. Five Section BoardWalk Ramp and Platform (Handrails on the Platform and one section of the Ramp) (6" curb height) (pages 32-43)
5. Five Section BoardWalk Ramp and Platform (Full Handrails) (6" curb height) (pages 44-57)



# STANDARD BOARDWALK SECTION



## ASSEMBLY #1 STANDARD BOARDWALK SECTION

For non-handrail and non-upright sections

### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS



**Part A.**  
Painted Lumber  
Quantity - 2



**Part B.**  
BoardWalk Casting (Left)  
Quantity - 1



**Part C.**  
Deck Screws #10 x 3 1/8"  
Quantity - 8



**Part D.**  
BoardWalk Casting (Right)  
Quantity - 1

**TOOLS REQUIRED - IMPACT DRIVER, T25 DRIVER BIT (PROVIDED), CLAMPS (AS REQUIRED)**

## STEP 1

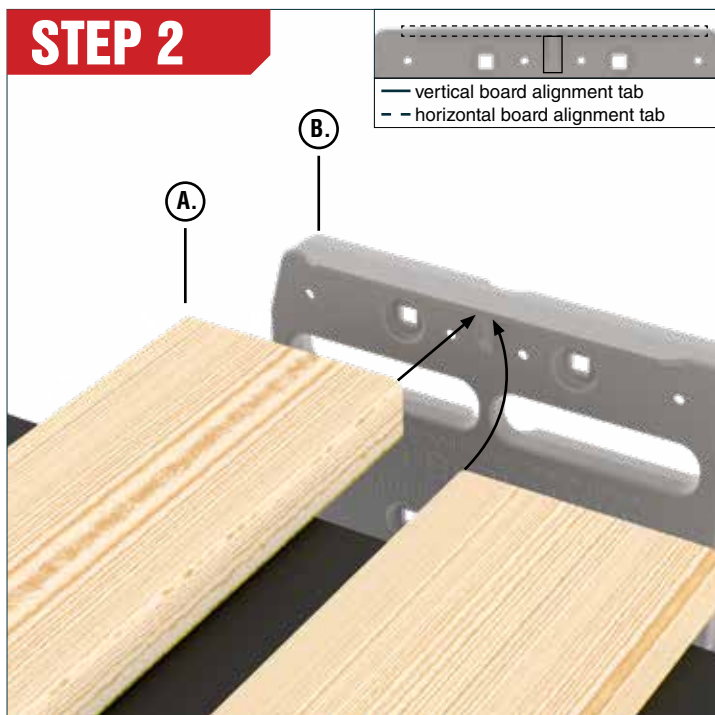


Take two pieces of painted **lumber** (#A), painted side down, parallel on a table. The boards need to have the ends of the lumber hanging off one inch on one or both sides of the table.



# STANDARD BOARDWALK SECTION

## STEP 2



Align the corner of the **lumber** (#A) into the corner of the **vertical and horizontal board alignment tabs** in the **BoardWalk casting** (#B). Repeat with the other piece of **lumber** (#A) on the opposite side of the **vertical alignment tab**. **Note:** A clamp may be necessary to evenly locate the lumber against the vertical alignment tab.

## STEP 3



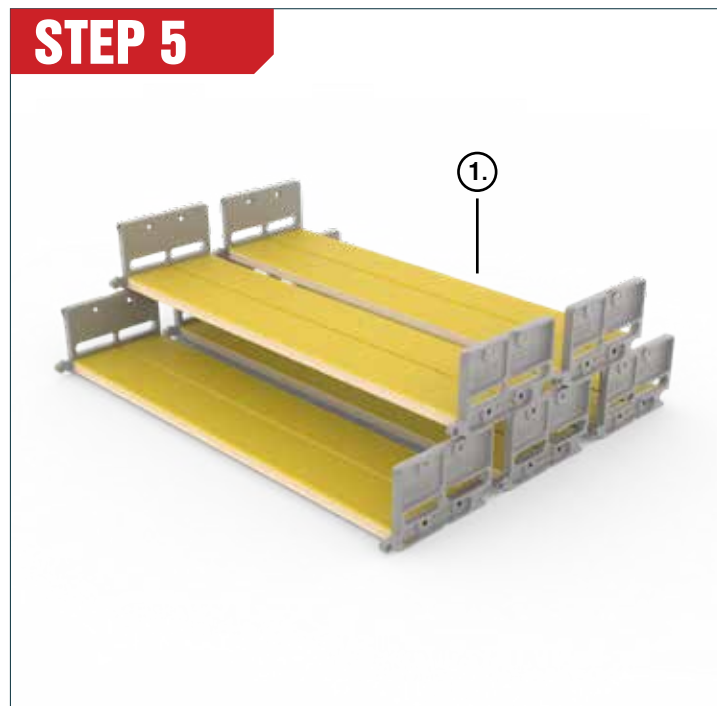
Drive four **deck screws** (#10 x 3 1/8) (#C) into the board through the countersunk holes in the **casting** (#B). **\*Note:** Apply wood glue to each screw prior to driving into lumber.

## STEP 4



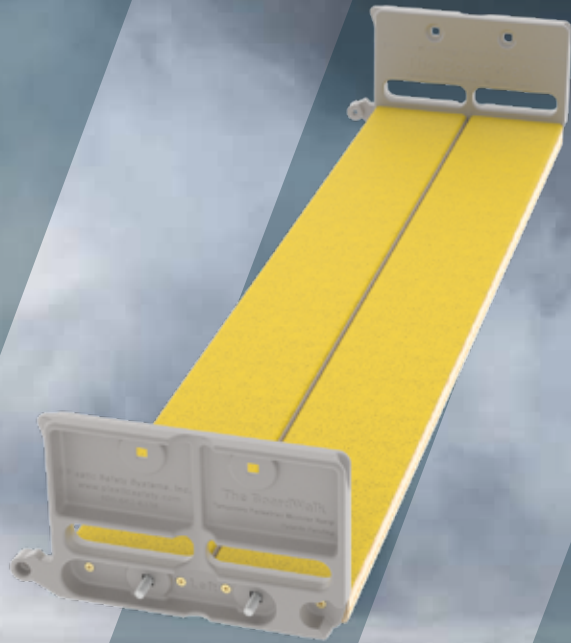
Repeat steps two and three for the opposite side casting for the other side of the **lumber** (#A). **\* Depending on lumber shape, clamping the boards together may be required to install left Boardwalk casting.**

## STEP 5



Repeat for all necessary **standard BoardWalk section assemblies** (#1) that are needed to meet the correct 1:12 ratio.

# ATTACHMENT-READY SECTION



## ASSEMBLY #2 ATTACHMENT-READY BOARDWALK SECTION

Used to attach handrails, midway support, or jack supports

### PARTS NEEDED FOR ATTACHMENT-READY BOARDWALK SECTIONS



**Part A.**  
Painted Lumber  
Quantity - 2



**Part B.**  
BoardWalk Casting (Left)  
Quantity - 1



**Part C.**  
Deck Screws #12 x 5 5/8"  
Quantity - 8



**Part D.**  
BoardWalk Casting (Right)  
Quantity - 1



**Part E.**  
Carriage Bolt  
Quantity - 4

**TOOLS REQUIRED - IMPACT DRIVER/DRILL, T25 DRIVER BIT (PROVIDED), CLAMPS (AS REQUIRED)**

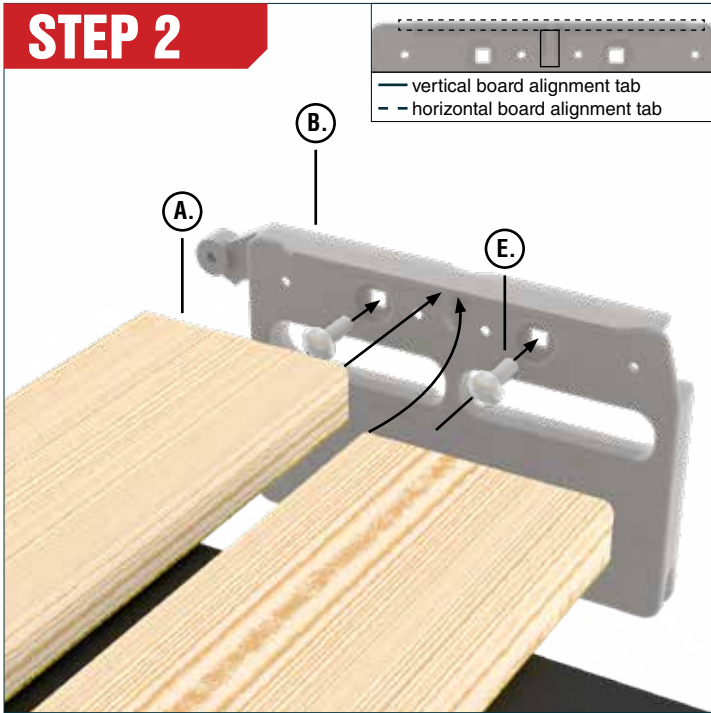
## STEP 1



Take two pieces of painted **lumber** (#A), painted side down, parallel on a table. The boards need to have the ends of the lumber hanging off one inch on one or both sides of the table.

# ATTACHMENT-READY SECTION

## STEP 2



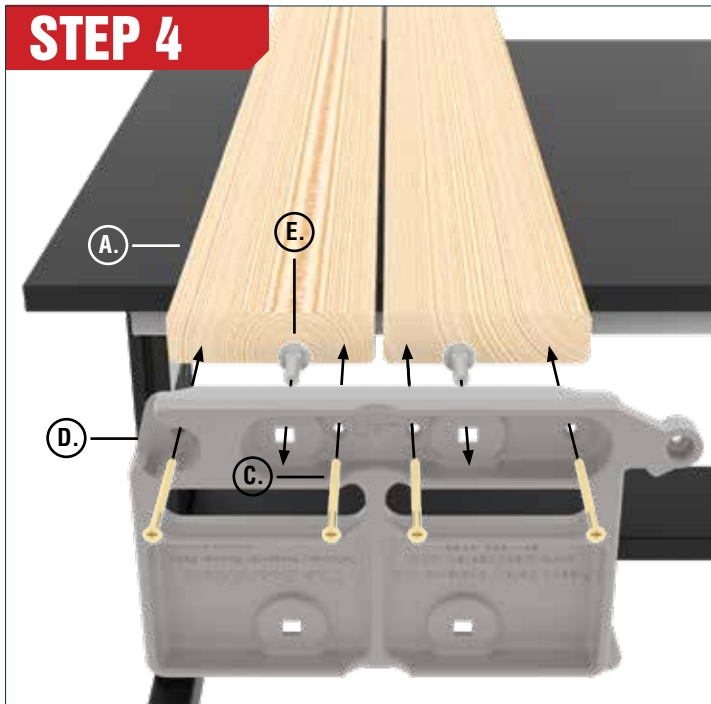
Inset the **square-necked carriage bolts** (#E) into the **square holes** next to the **alignment tabs** (from the inside of the casting out). Align the corner of the **lumber** (#A) into the corner of the **vertical and horizontal board alignment tabs** in the **BoardWalk casting** (#B). Repeat with the other piece of **lumber** (#A) on the opposite side of the **vertical alignment tab**. **\*Note:** A clamp may be necessary to evenly locate the lumber against the vertical alignment tab.

## STEP 3



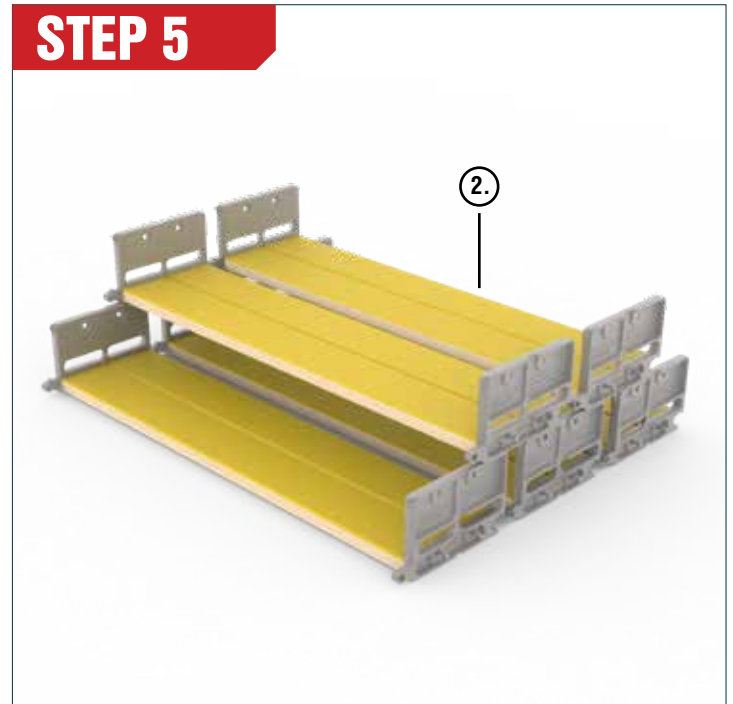
Drive four **deck screws** (#10 x 5 1/4) (#C) into the board through the countersunk holes in the **casting** (#B). **\*Note:** Apply wood glue to each screw prior to driving into lumber.

## STEP 4



Repeat steps two and three for the opposite side casting for the other side of the **lumber** (#A). **\*Depending on lumber shape, clamping the boards together may be required to install left Boardwalk casting.**

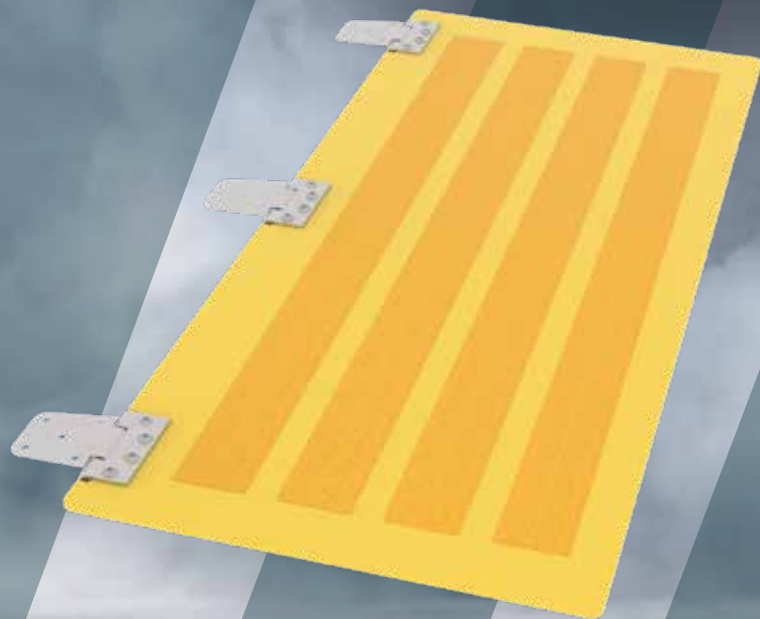
## STEP 5



Repeat for all necessary **Attachment-Ready BoardWalk section assemblies** (#2) that are needed to meet the correct 1:12 ratio.



# APPROACH PLATE ASSEMBLY



## ASSEMBLY #3 APPROACH PLATE ASSEMBLY

For a seamless transition from RAMP to the sidewalk  
or the temporary walkway

### PARTS NEEDED FOR APPROACH PLATE ASSEMBLY



**Part A.**  
Approach Plate  
Quantity - 1



**Part B.**  
Hinges  
Quantity - 3



**Part C.**  
Truss Head Bolt  
Quantity - 12



**Part D.**  
Nut  
Quantity 12



**Part E.**  
Washer  
Quantity - 12

**TOOLS REQUIRED - 7/16" WRENCH, IMPACT DRIVER/DRILL, T27 DRIVER BIT (PROVIDED)**

## STEP 1

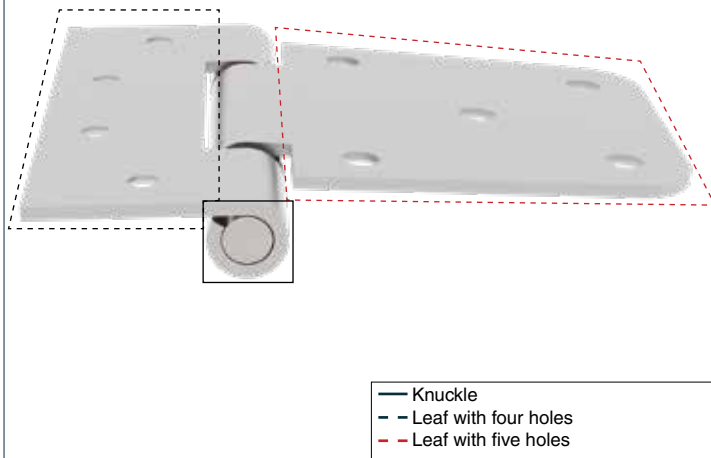


Identify the top of the **approach plate** (#A) as the side with grip tape applied to it.



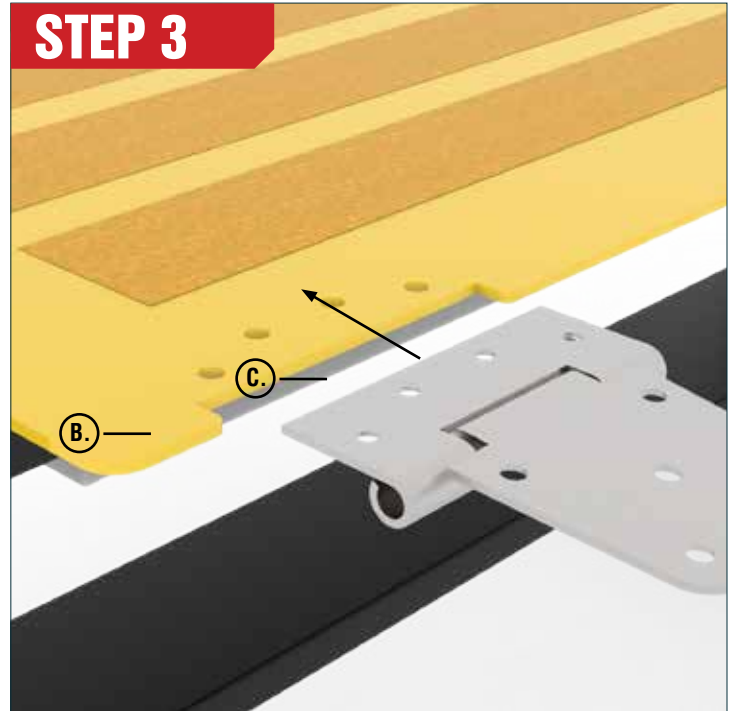
# APPROACH PLATE ASSEMBLY

## STEP 2



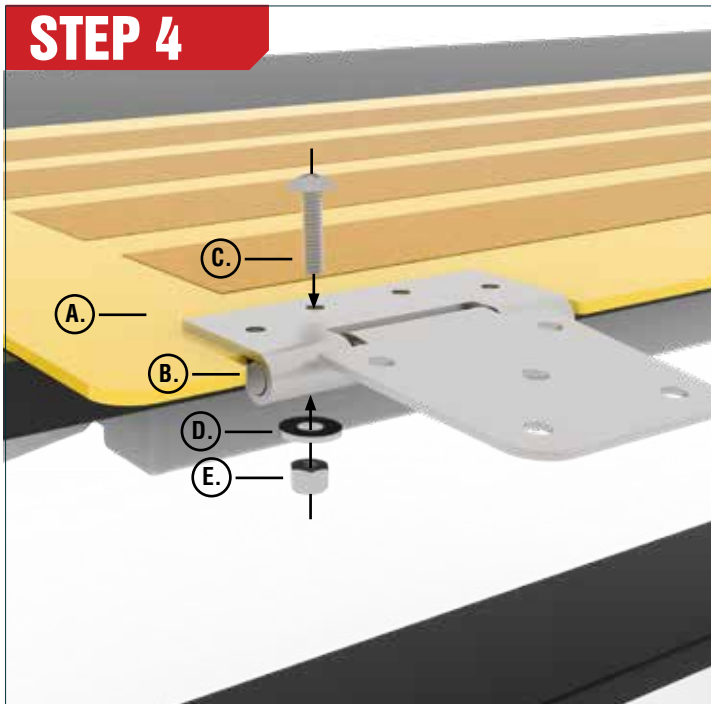
Identify the orientation of the **hinge** (#B) as the knuckle of the hinge should face away from the top side of the **approach plate** (#A).

## STEP 3



Align the short side of the **hinge** (#B) (leaf with four holes) onto the **approach plate's** (#A) corresponding holes.

## STEP 4



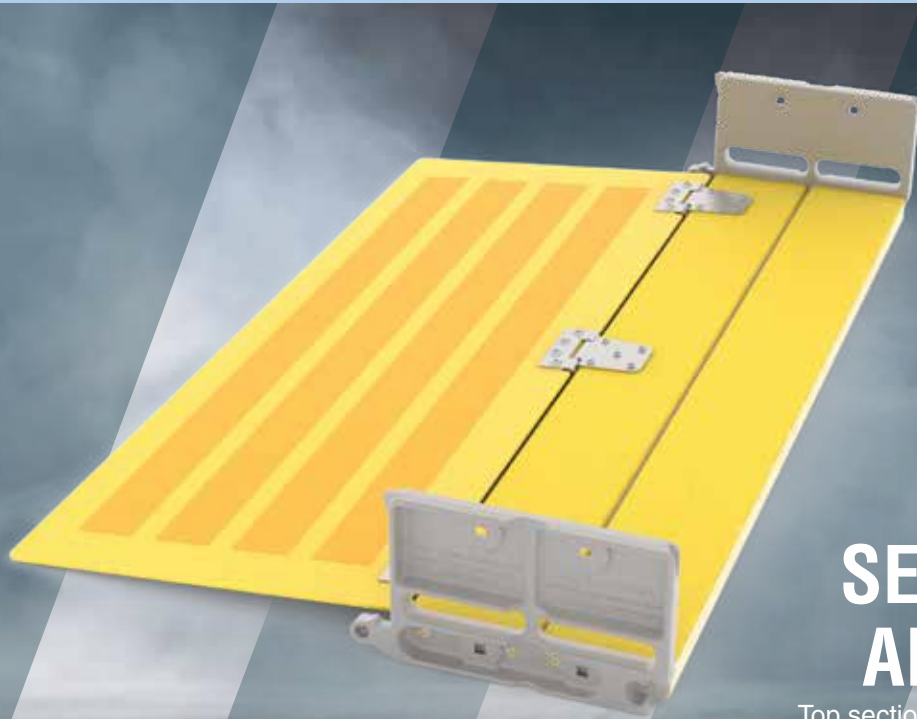
Put the **truss head bolt** (1/4" – 20 x 3/4") (#C) through the **hinge** (#B) and **approach plate** (#A). Put the **washer** (#D) and **nut** (#E) onto the truss head bolt and tighten. Repeat for the three other bolts for that hinge.

## STEP 5



Repeat step two and three for remaining two hinges.

# SECTION WITH TOP APPROACH PLATE



## ASSEMBLY #4 SECTION WITH TOP APPROACH PLATE

Top section used in a BoardWalk RAMP that sits on the curb

### PARTS NEEDED FOR RAMP SECTION WITH TOP APPROACH PLATE



**Assembly #3**  
Approach Plate Assembly  
Quantity - 1



**Assembly #1**  
Standard Section  
Quantity - 1

OR



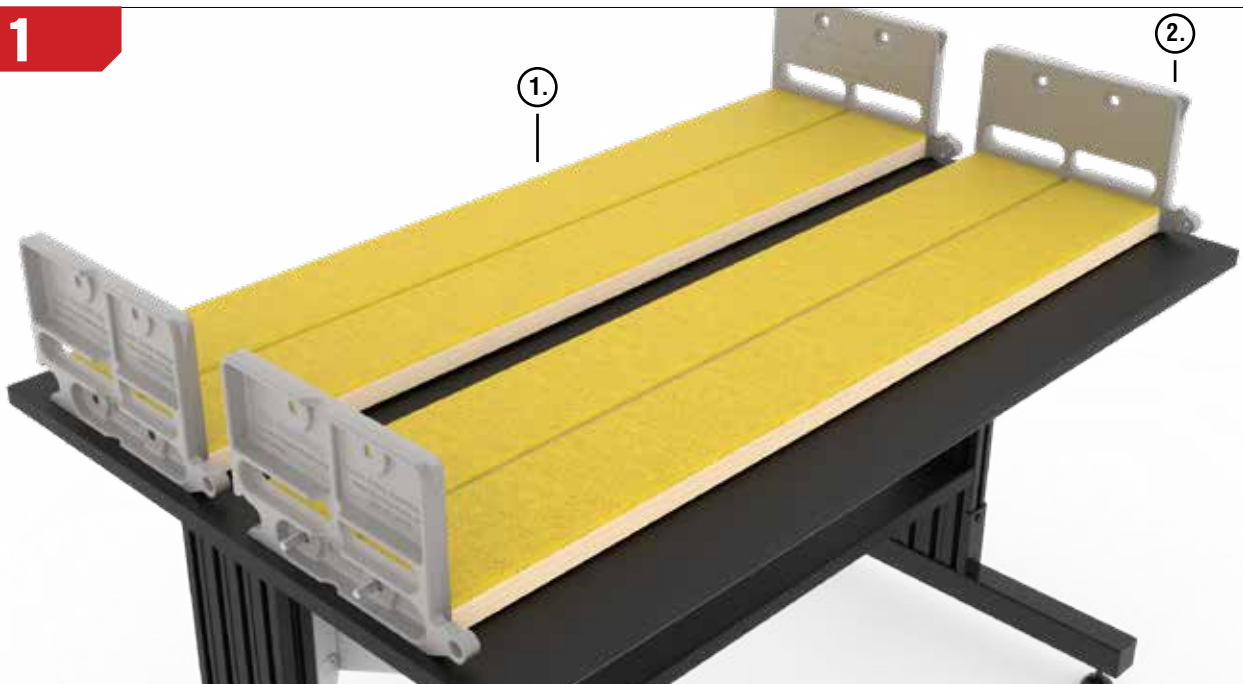
**Assembly #2**  
Attachment-Ready Section  
Quantity - 1



**Part A.**  
Pan Head Screws (#12 x 1")  
Quantity - 15

**TOOLS REQUIRED - IMPACT DRIVER/DRILL<sup>v</sup>, T27 DRIVER BIT (PROVIDED)**

## STEP 1



Identify the section that will be located at the top of the ramp (**Standard Section (#1)** if no handrails are necessary for your site, and an **attachment-ready section (#2)** if handrails are necessary). For this section, the Standard BoardWalk Section will be shown.

# SECTION WITH TOP APPROACH PLATE

## STEP 2



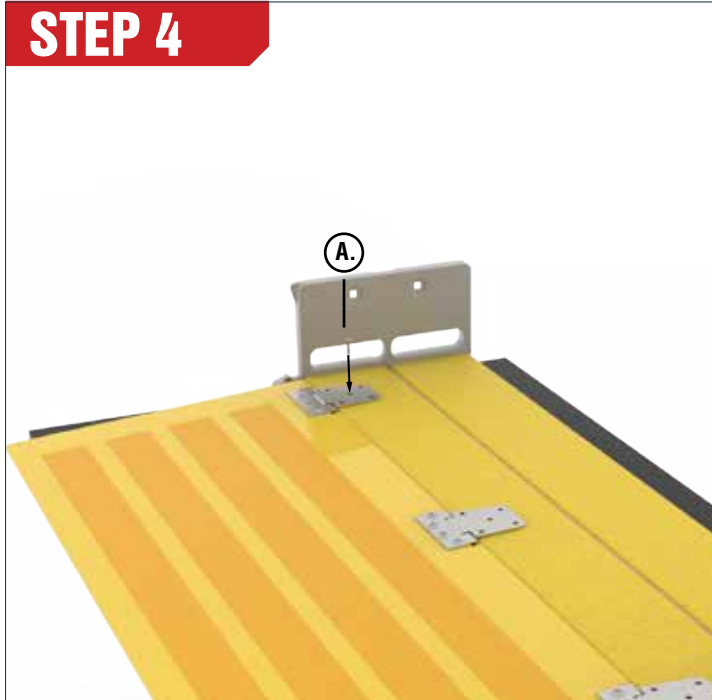
Identify the front edge of the section (the end with arms - opposite from the end with sockets).

## STEP 3



Place the **approach plate assembly** (#3), with the large hinge leaves (with five holes) on top of the board, with the downward facing hinge knuckle up against the back edge of the board. Center the width of the approach plate between the width of the assembled section castings (approx 1/8" inside).

## STEP 4



Drive one **pan head wood screw (#12 x 1")** (#A) in the middle hole on the left hinge. Push the right knuckle up against the back edge board, lower the hinge plate, and drive the screw.

## STEP 5

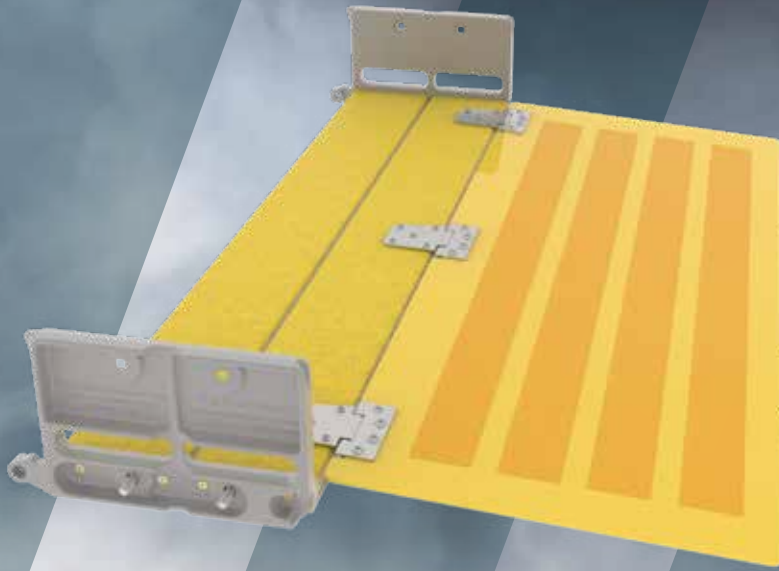


Drive the remaining **pan head wood screw (#12 x 1")** (#A) into the approach plate.

Note: Apply small amount of wood glue to the screws.



# SECT. WITH BOTTOM APPROACH PLATE



## ASSEMBLY #5 SECTION WITH BOTTOM APPROACH PLATE

Bottom section used at the end of the RAMP

### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS



**Assembly #3**  
Approach Plate Assembly  
Quantity - 1



**Assembly #1**  
Standard Section  
Quantity - 1

OR



**Assembly #2**  
Attachment-Ready Section  
Quantity - 1



**Part A.**  
Pan Head Screws (#12 x 1")  
Quantity - 15

**TOOLS REQUIRED - IMPACT DRIVER/DRILL, T27 DRIVER BIT (PROVIDED)**

## STEP 1



Identify the section that will be located at the bottom of the ramp (**Standard Section (#1)** if no handrail is required: **attachment-ready section (#2)** if handrails are necessary). For this section, the Standard BoardWalk Section will be shown.



# SECT. WITH BOTTOM APPROACH PLATE

## STEP 2



Identify the back edge of the section (the end with a socket - opposite from the end with an arm).

## STEP 3



Place the **approach plate assembly** (#3), with the large hinge leaves (with five holes) on top of the board, with the downward facing hinge knuckle up against the back edge of the board. Centering the width of the approach plate between the width of the assembled section castings (approx 1/8" inside).

## STEP 4



Drive one **pan head wood screw (#12 x 1")** (#A) in the middle hole on the left hinge. Push the right knuckle up against the back edge board, lower the hinge plate, and drive the screw.

## STEP 5








Drive the remaining **pan head wood screw (#12 x 1")** (#A) into the approach plate.

Note: Apply small amount of wood glue to the screws.

# HANDRAIL ATTACHMENT

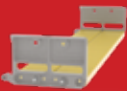


BOARDWALK HANDRAIL LENGTH KEY	
35.187"	Black 
63.5"	Blue 
51.5"	Green 
50.5"	Yellow 
5"	White 

## ASSEMBLY #6 SECTION WITH HANDRAIL ATTACHMENT

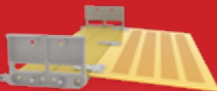
Section used to attach handrails at the beginning or the end of a RAMP

### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS




**Assembly #2**  
Attachment-Ready Section  
Quantity - 1


OR




**Assembly #5.**  
Attachment-Ready Section  
with Bottom Approach Plate  
Quantity - 1




**Part A.**  
Square-Necked  
Carriage Bolt  
Quantity - 4




**Part B.**  
Strap Clamp  
Quantity - 4



**Part C.**  
Nut  
Quantity - 8

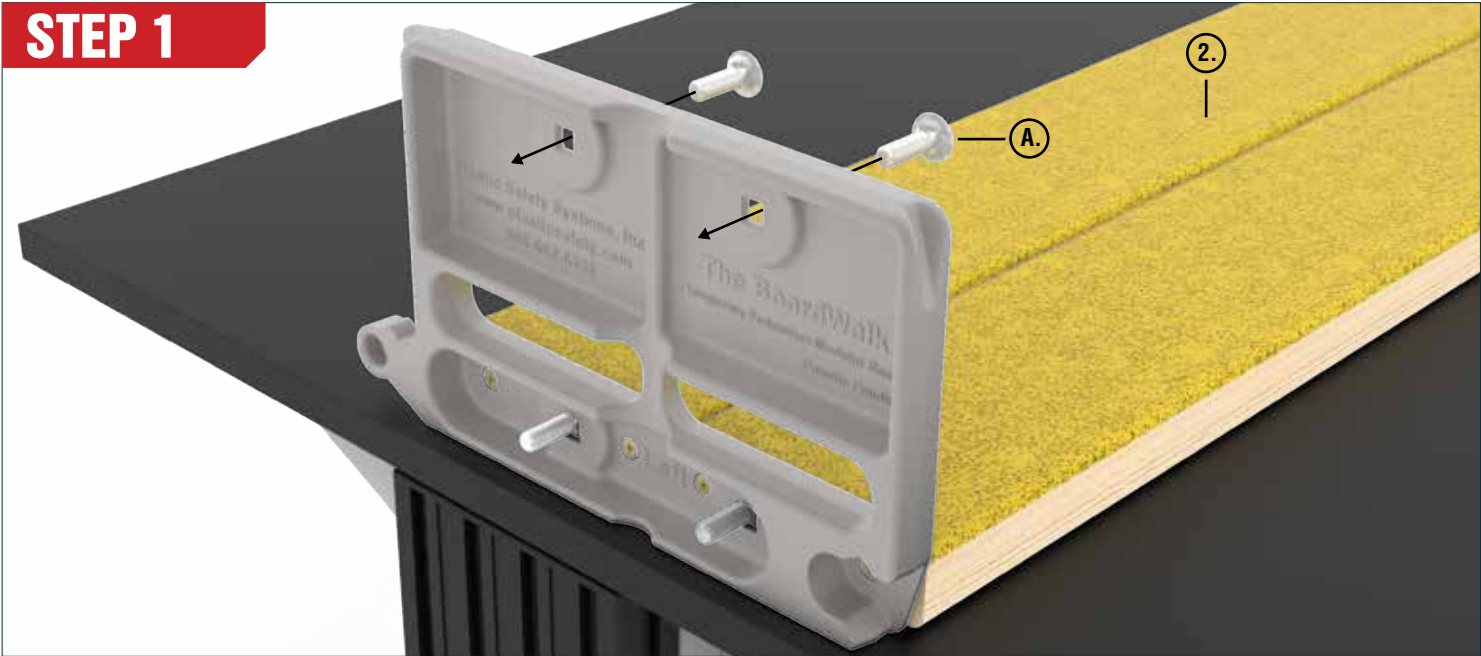


**Part D.**  
Locking Washer  
Quantity - 8



**Part E.**  
35 3/16" Handrail  
Uprights  
Quantity - 2

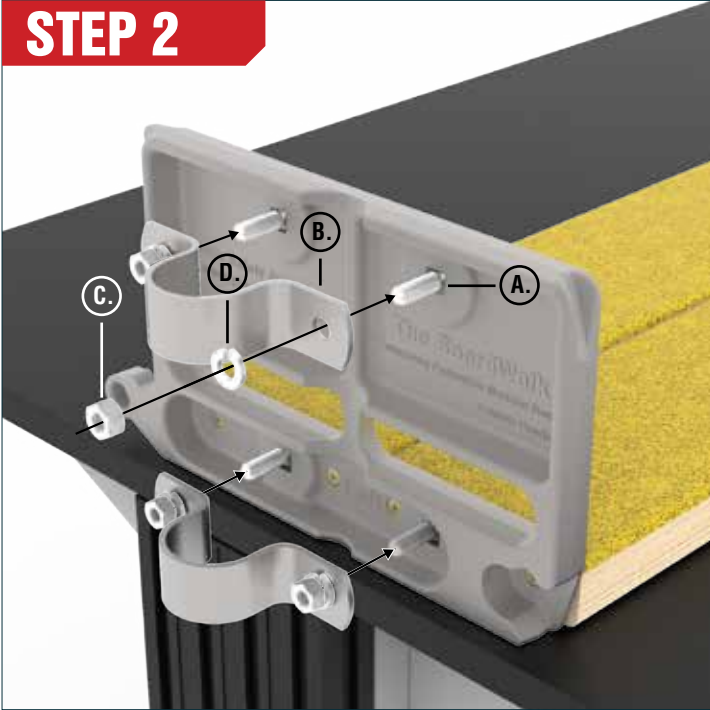
### TOOLS REQUIRED - 9/16" SOCKET AND ATTACHMENT



Insert the **carriage bolts** (#A) into the top square holes in the casting of the **attachment-ready section** (#2) or the **attachment-ready section with bottom approach plate** (#5) if handrails will be running the full length of the ramp. This section will be shown with the **attachment-ready section** (#2). Make sure that the square neck of the bolt matches with the square hole in the castings.

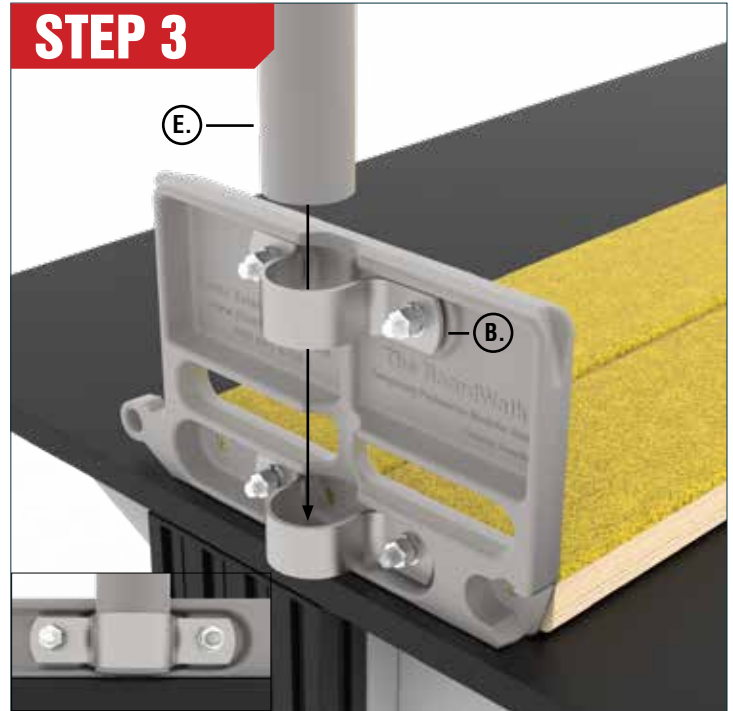
# HANDRAIL ATTACHMENT

## STEP 2



Loosely attach the **strap clamps** (#B) using the **carriage bolts** (#A), **lock washers** (#D) and **nuts** (#C).

## STEP 3



Insert the **handrail upright** (#E) (black band) vertically through the **strap clamps** (#B). Make sure the end of the handrail upright contacts the flange on the bottom of the casting.

## STEP 4



Tighten the **nuts** (#C) using wrench to secure the **strap clamps** (#B).

## STEP 5



Repeat steps one through four on the opposite side of the **attachment-ready section** (#2) (black band).



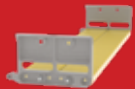
# HANDRAIL WITH JACK SUPPORT



## ASSEMBLY #7 SECTION WITH A JACK SUPPORT ATTACHMENT

Used to attach handrails or insert a jack screw through the bottom and tighten with set screw

### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS



**Assembly #2**  
Attachment-Ready Section  
Quantity - 1



**Part A.**  
Square-Necked  
Carriage Bolt  
Quantity - 4



**Part B.**  
Strap Clamp  
Quantity - 4



**Part C.**  
Approach Plate  
Quantity - 8



**Part D.**  
Nut  
Quantity - 8



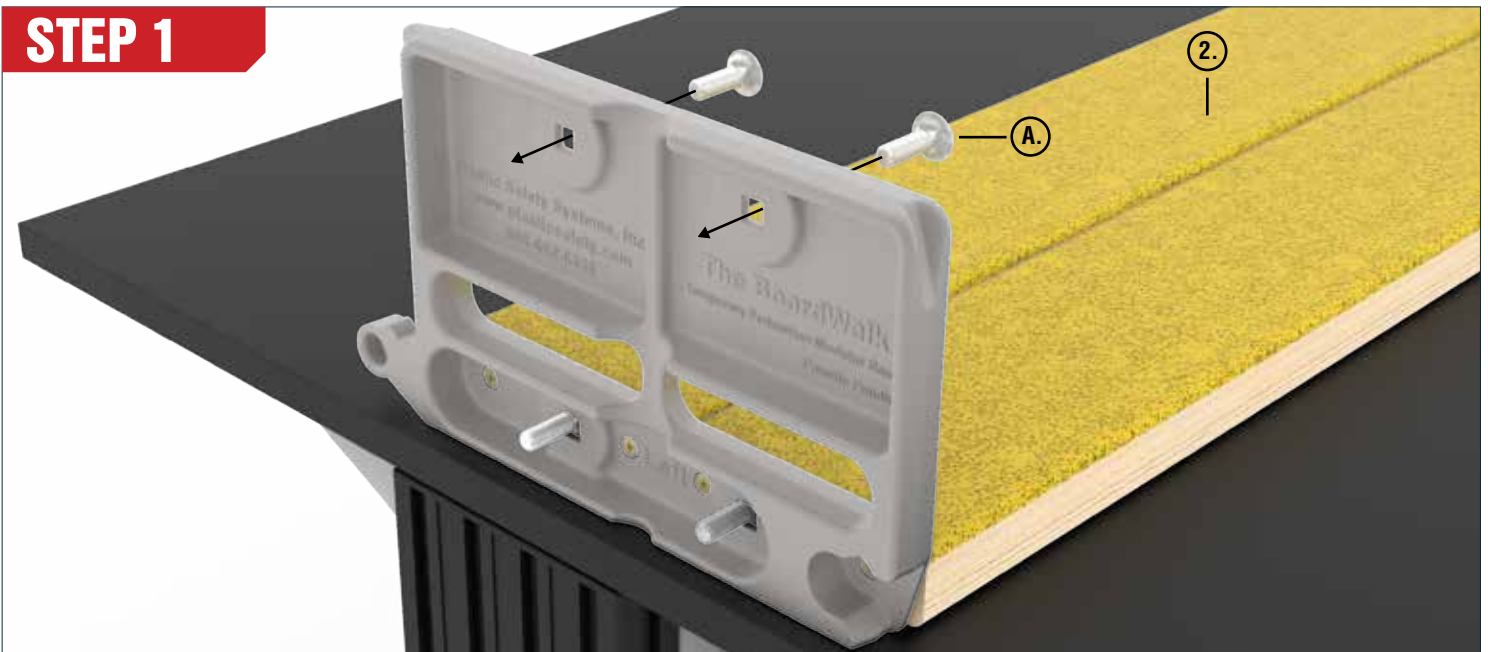
**Part E.**  
Jack Tube Upright  
for Handrails  
Quantity - 2



**Part F.**  
Hex Bolt  
Quantity - 2

### TOOLS REQUIRED - 9/16" SOCKET AND ATTACHMENT

## STEP 1

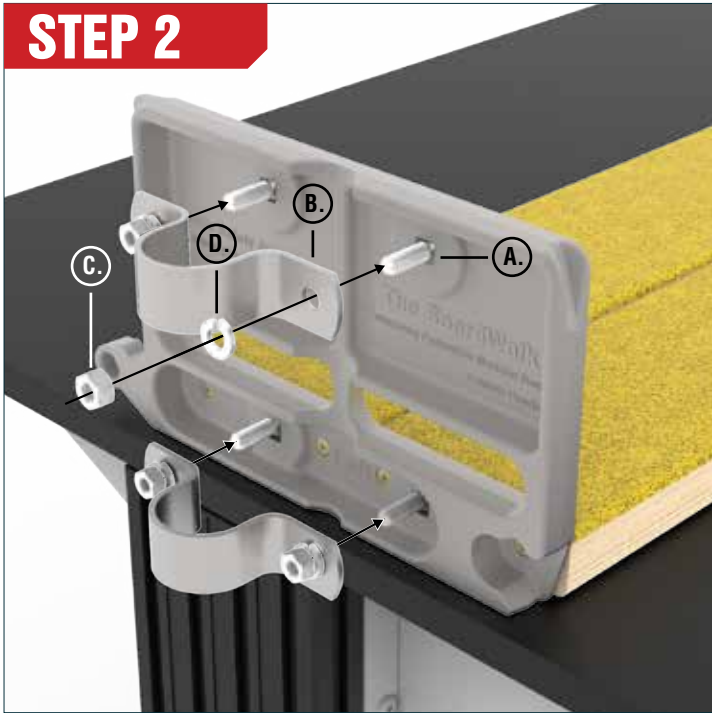


Insert the **carriage bolts** (#A) into the top square holes in the casting of the **attachment-ready section** (#2) or the **attachment-ready section with bottom approach plate** (#5) if handrails will be running the full length of the ramp. This section will be shown with the **attachment-ready section** (#2). Make sure that the square neck of the bolt matches with the square hole in the castings.



# HANDRAIL WITH JACK SUPPORT

## STEP 2



Loosely attach the **strap clamps** (#B) using the **carriage bolts** (#A), **lock washers** (#D) and **nuts** (#C).

## STEP 3



Insert the **jack tube upright for handrail** (#E) vertically through the **strap clamps** (#B). Make sure the slot in the end of the **jack tube for handrail** straddles the lower flange on the bottom of the casting. Tighten the **nuts** (#C) using wrench to secure the **strap clamps** (#B).

## STEP 4



Repeat on the opposite side of the **attachment-ready section** (#2).

## STEP 5



Loosely insert the **hex bolts (3/8 -16 x 1")** (#F) into the nut welded to the side of the **jack tube upright for handrail** (#E).

# MIDWAY SUPPORT ATTACHMENT



## ASSEMBLY #8 MIDWAY SUPPORT ATTACHMENT

Used when a RAMP is longer than nine sections

### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS



**Assembly #2**  
Attachment-Ready Section  
Quantity - 1



**Part A.**  
Square-Necked  
Carriage Bolt  
Quantity - 4



**Part B.**  
Strap Clamp  
Quantity - 4



**Part C.**  
Nut  
Quantity - 8



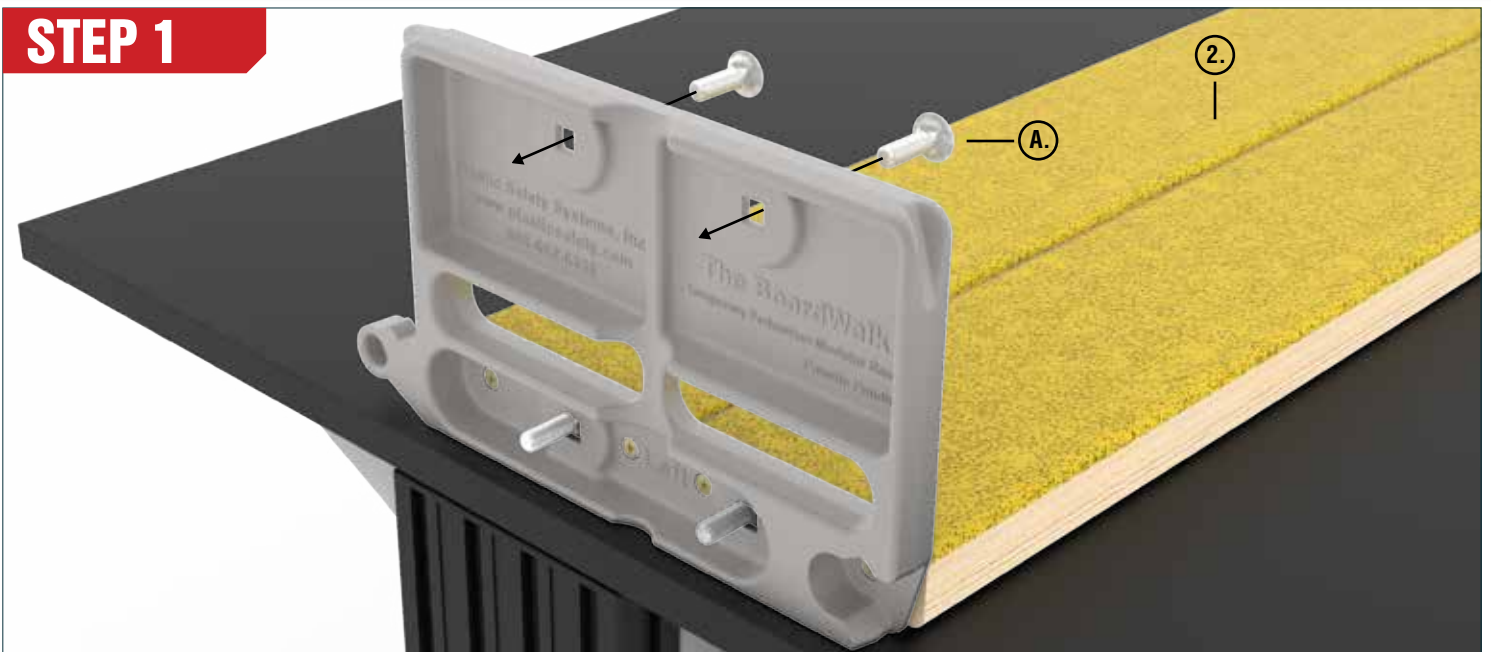
**Part D.**  
Locking Washer  
Quantity - 8



**Part E.**  
Jack Tube  
Quantity - 2

### TOOLS REQUIRED - 9/16" SOCKET AND ATTACHMENT

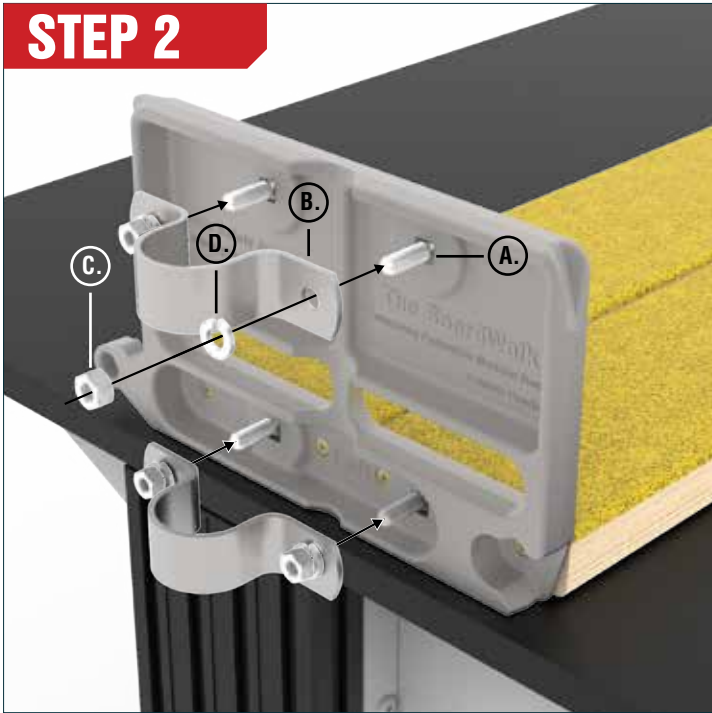
## STEP 1



Insert the **carriage bolts** (#A) into the top square holes in the casting of the **attachment-ready section** (#2) or the **attachment-ready section with bottom approach plate** (#5) if handrails will be running the full length of the ramp. This section will be shown with the **attachment-ready section** (#2). Make sure that the square neck of the bolt matches with the square hole in the castings.

# MIDWAY SUPPORT ATTACHMENT

## STEP 2



Loosely attach the **strap clamps** (#B) using the **carriage bolts** (#A), **lock washers** (#D) and **nuts** (#C).

## STEP 3



Insert the **jack tube** vertically through the **strap clamps**. Make sure the slot in the end of the **jack tube** straddles the lower flange on the bottom of the casting.

## STEP 4



Tighten the **nuts** (#C.) using wrench to secure the **strap clamps** (#B).

## STEP 5



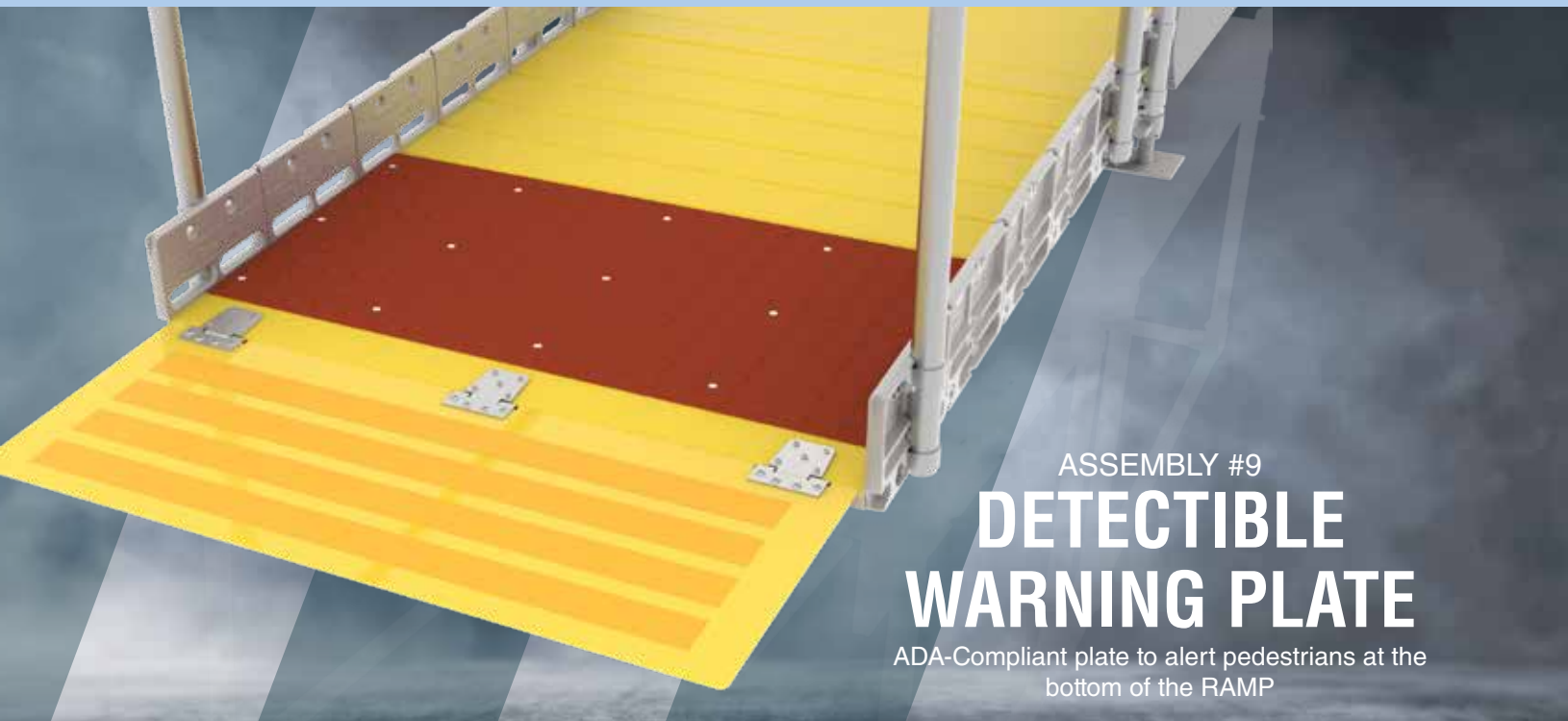
### NOTE

IF BOARDWALK EXCEEDS NINE SECTIONS, MIDWAY SUPPORT REQUIRED

Repeat on the opposite side of the **attachment-ready section** (#2).



# DETECTIBLE WARNING PLATE

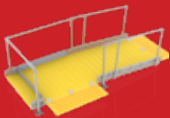


ASSEMBLY #9

## DETECTIBLE WARNING PLATE

ADA-Compliant plate to alert pedestrians at the bottom of the RAMP

### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS



**Configuration #5**  
Five Section BoardWalk System  
with Five Sections of Handrail  
Quantity - 1



**Part #A**  
Detectible Warning  
Plate  
Quantity - 1



**Part #B**  
Bolt  
Quantity - 15



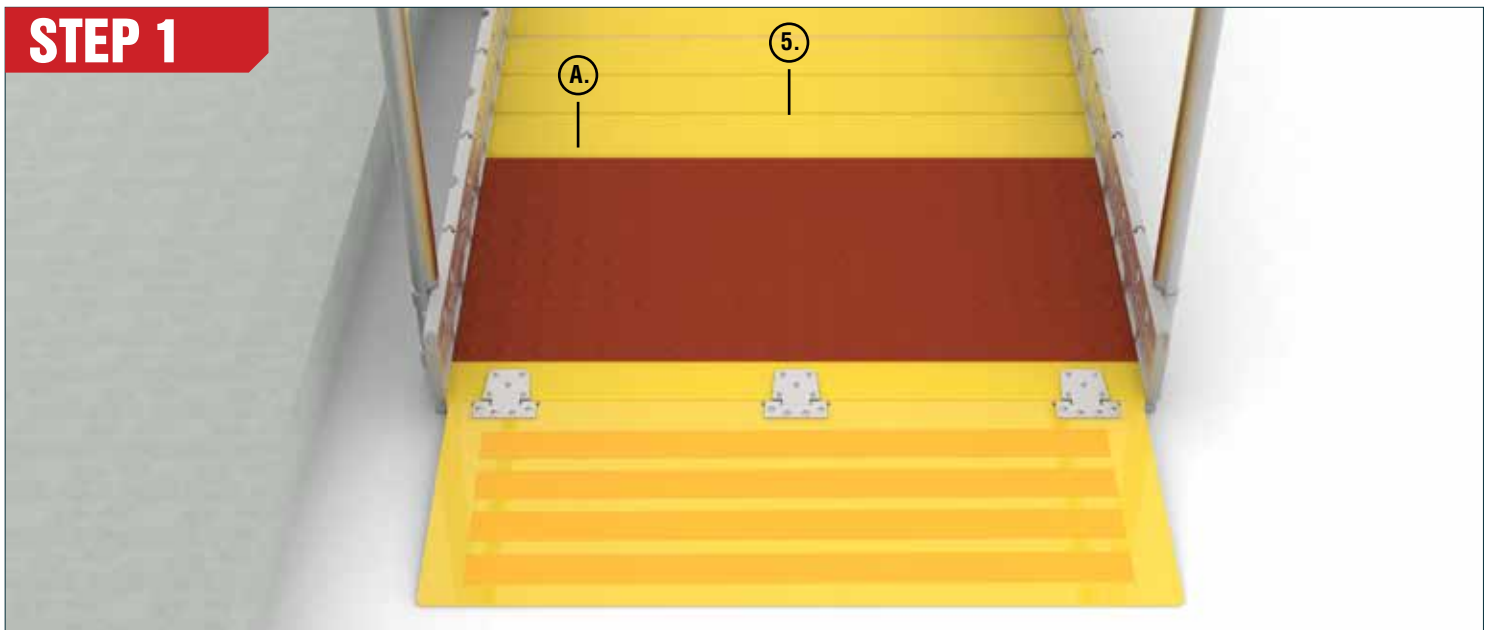
**Part #C**  
Washer  
Quantity - 15



**Part #D**  
Nut  
Quantity - 15

**TOOLS REQUIRED - IMPACT DRIVER/DRILL, 1/4" DRILL BIT, 7/16" WRENCH, T25 DRIVER BIT (PROVIDED)**

## STEP 1

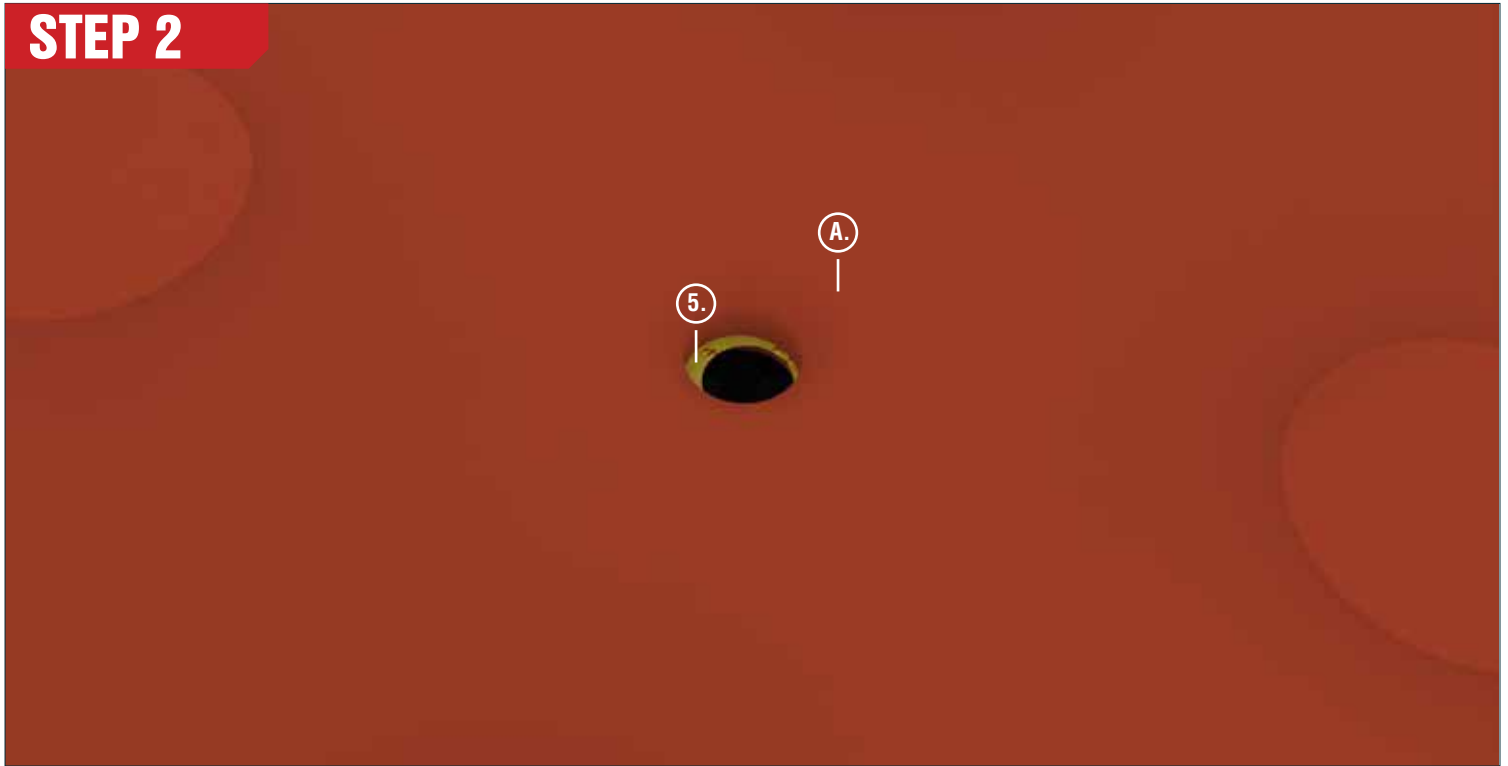


To install the **detectable warning plate** (5) onto any assembled ramp, shown here on the **five section BoardWalk System with five sections of handrails** (A), locate the warning plate on the bottom of the ramp, just above the hinges of the approach plate.



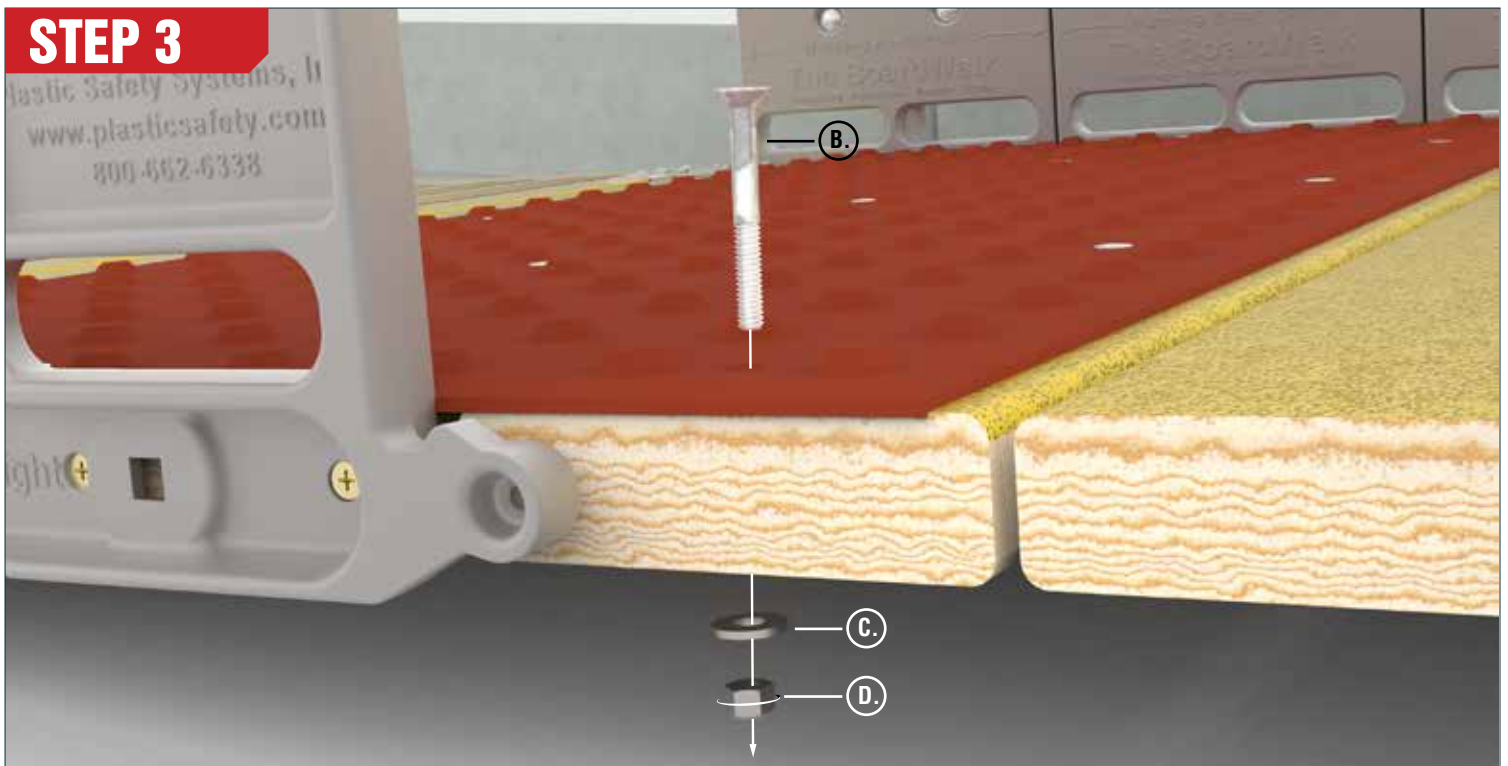
# DETECTIBLE WARNING PLATE

## STEP 2



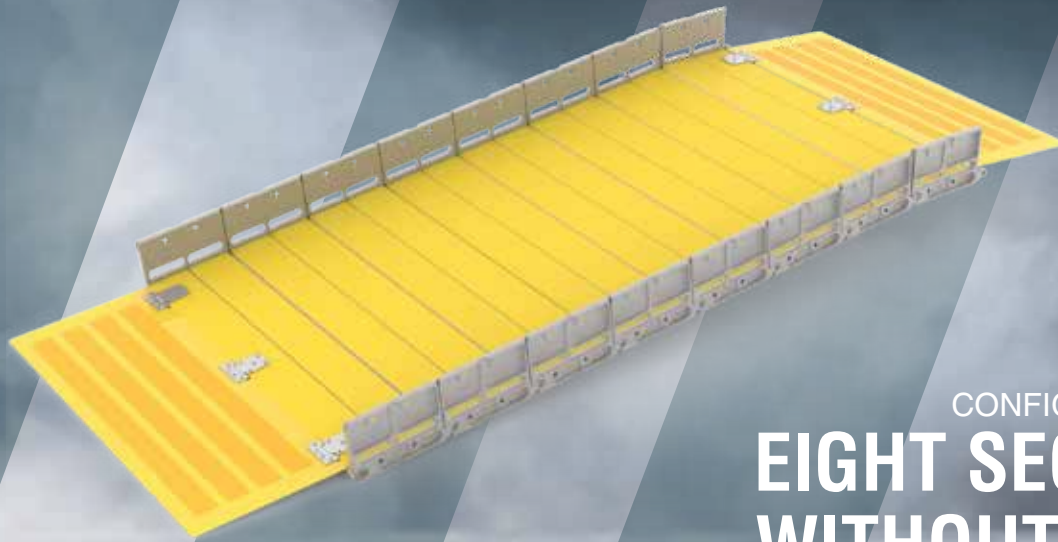
Using a 1/4" drill, drill through the holes in the **warning plate** (A), drilling through the lumber of the **BoardWalk sections** (5).

## STEP 3



Secure with the **bolt** (B), **washers** (C) and **nut** (D). Note: Remove the warning plate before disassembling.

# EIGHT SECTION RAMP w/o HANDRAILS



## CONFIGURATION #1 EIGHT SECTION RAMP WITHOUT HANDRAILS

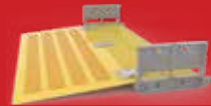
### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS



**Assembly #1**  
Standard BoardWalk Sections  
Quantity - 6



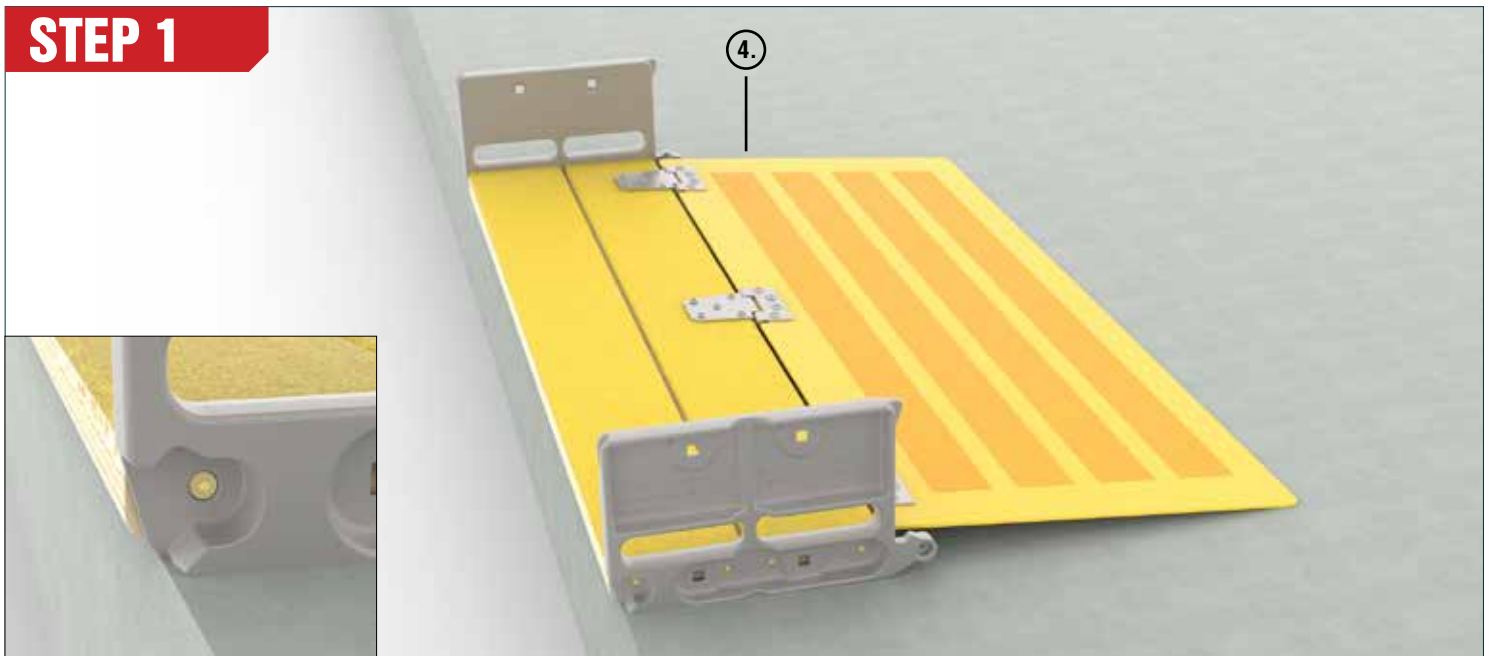
**Assembly #4**  
Top Section with Approach Plate  
Quantity - 1



**Assembly #5**  
Bottom Section with Approach Plate  
Quantity - 1

### TOOLS REQUIRED - N/A

## STEP 1



Place the **top section with approach plate** (#4) on the curb. Note: Make sure that the back end of the section (with the socket side of the castings) are at the edge of the curb.

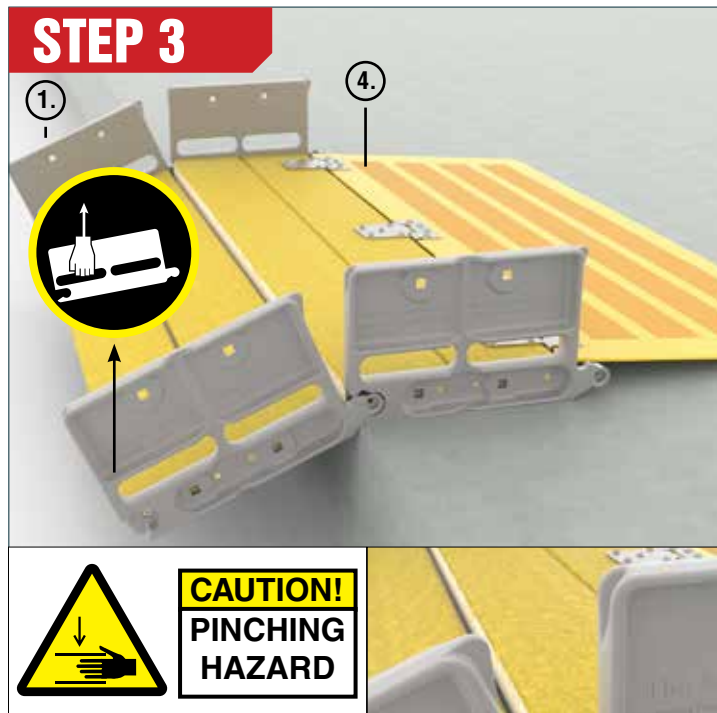
# EIGHT SECTION RAMP w/o HANDRAILS

## STEP 2



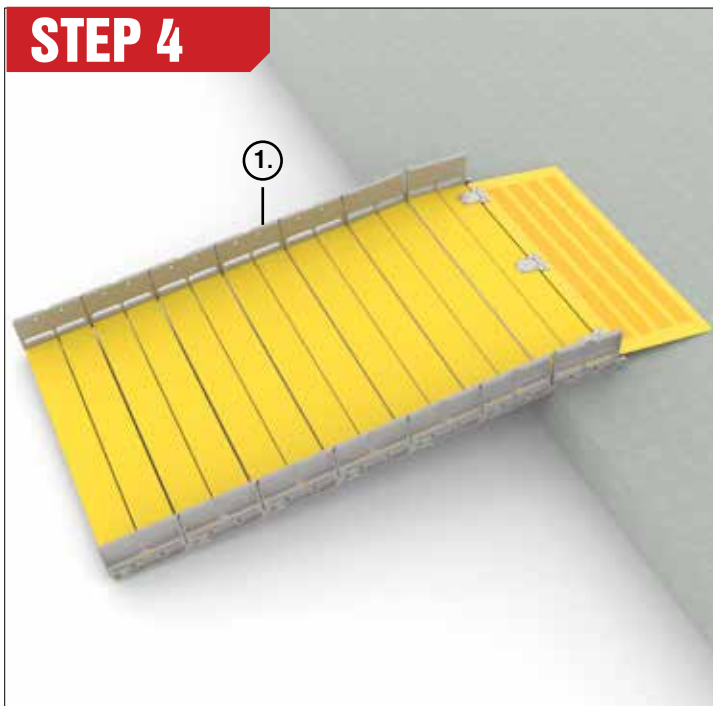
Simultaneously insert the arms (left and right casting) of the first **standard section** (#1) into the sockets of the castings of the **top section with approach plate** (#4).

## STEP 3



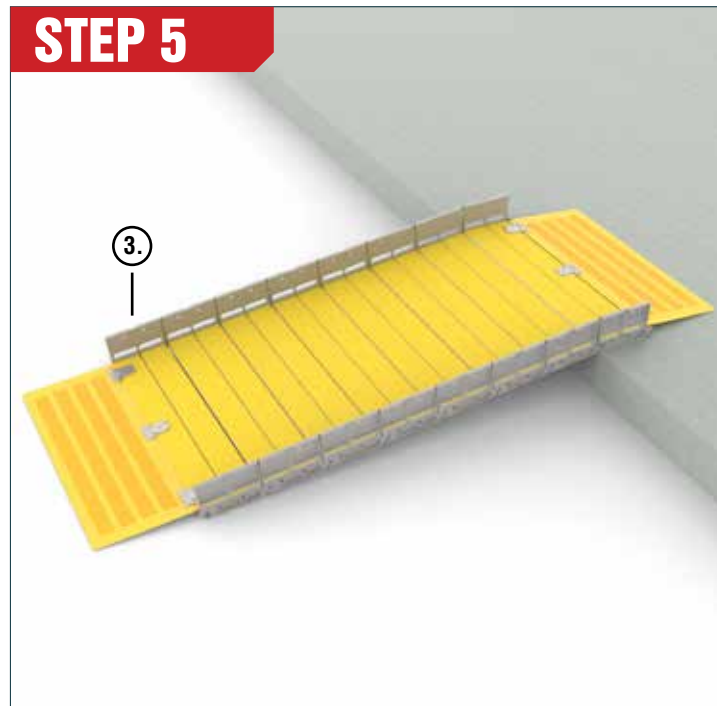
Rotate the **standard section** (#1) upward to lock it into place. Note: Make sure that the fin on the upper front corner of the first section engages with the groove on the back top corner of the previously installed section.

## STEP 4



Repeat with the remaining five **standard sections** (#1).




## STEP 5



Repeat steps 2 and 3 with the **bottom section with approach plate** (#5). Place onto the ground. Lower the **approach plate** (#3) onto the ground.

# EIGHT SECTION RAMP w HANDRAILS

## BOARDWALK HANDRAIL LENGTH KEY

35.187"	Black	
63.5"	Blue	
51.5"	Green	
50.5"	Yellow	
5"	White	

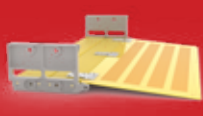
CONFIGURATION #2

## EIGHT SECTION RAMP WITH HANDRAILS

### PARTS NEEDED FOR STANDARD BOARDWALK SECTIONS



**Assembly #1**  
Standard BoardWalk  
Sections  
Quantity - 6



**Assembly #4**  
Top Section with  
Approach Plate  
Quantity - 1



**Assembly #6**  
Bottom Section with Approach  
Plate with Handrail Uprights  
Quantity - 1



**Assembly #6**  
Attachment-Ready  
Section with Handrail Uprights  
Quantity - 1



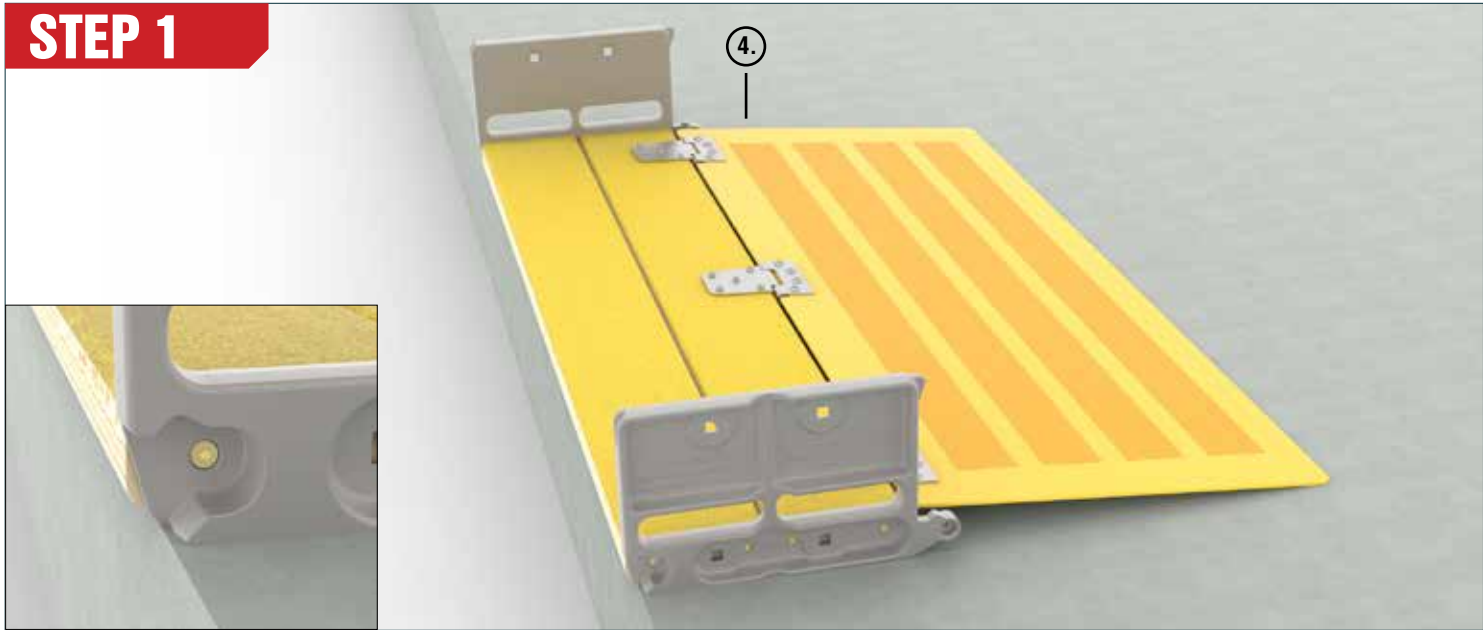
**Part #A**  
Horizontal  
Handrail  
Quantity - 2



**Part #B**  
90 Degree  
Fitting  
Quantity - 4

### TOOLS REQUIRED - 5/16" Hex Key

## STEP 1

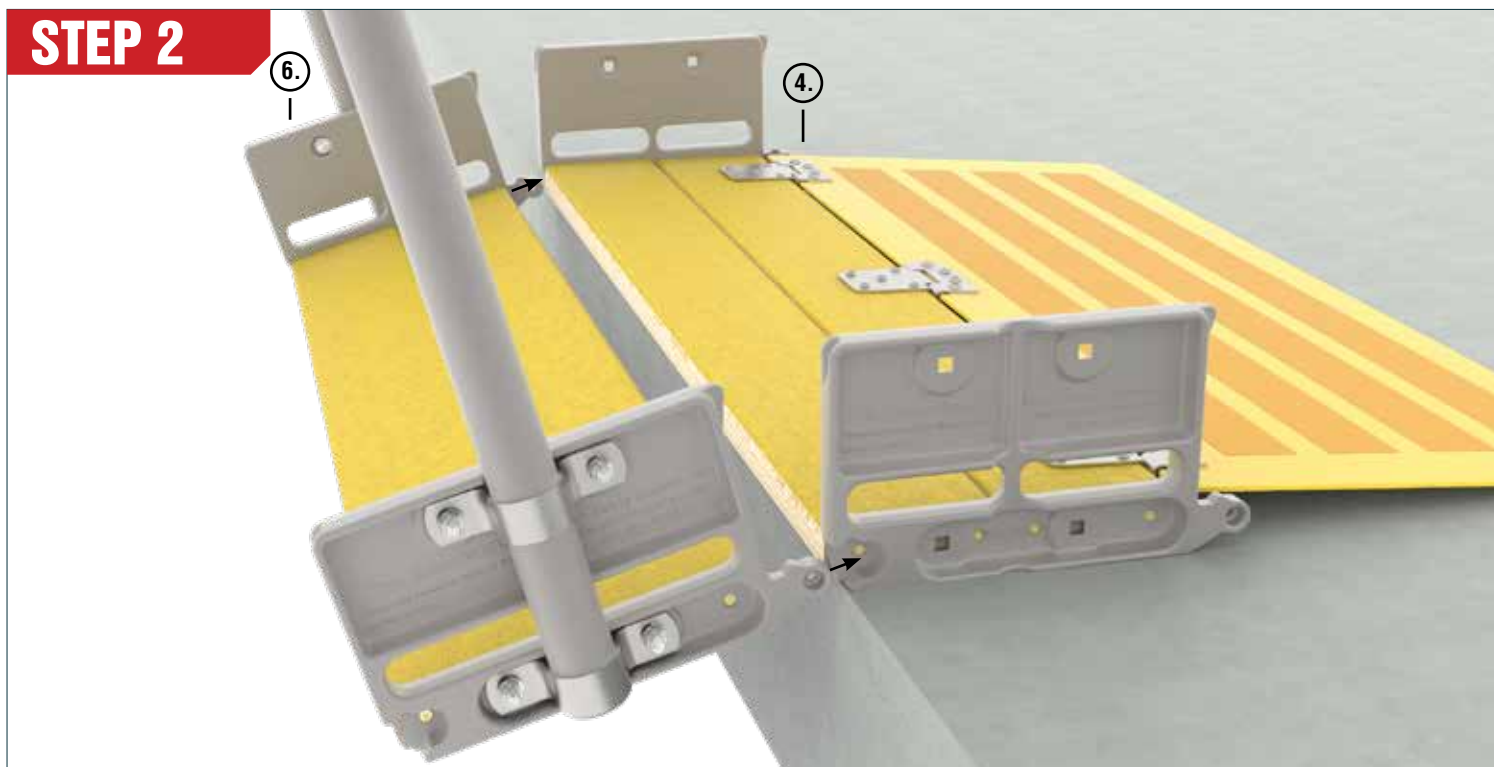


Place the **top section with approach plate** (#4) on the curb. Note: Make sure that the back end of the section (with the socket side of the castings) are at the edge of the curb.



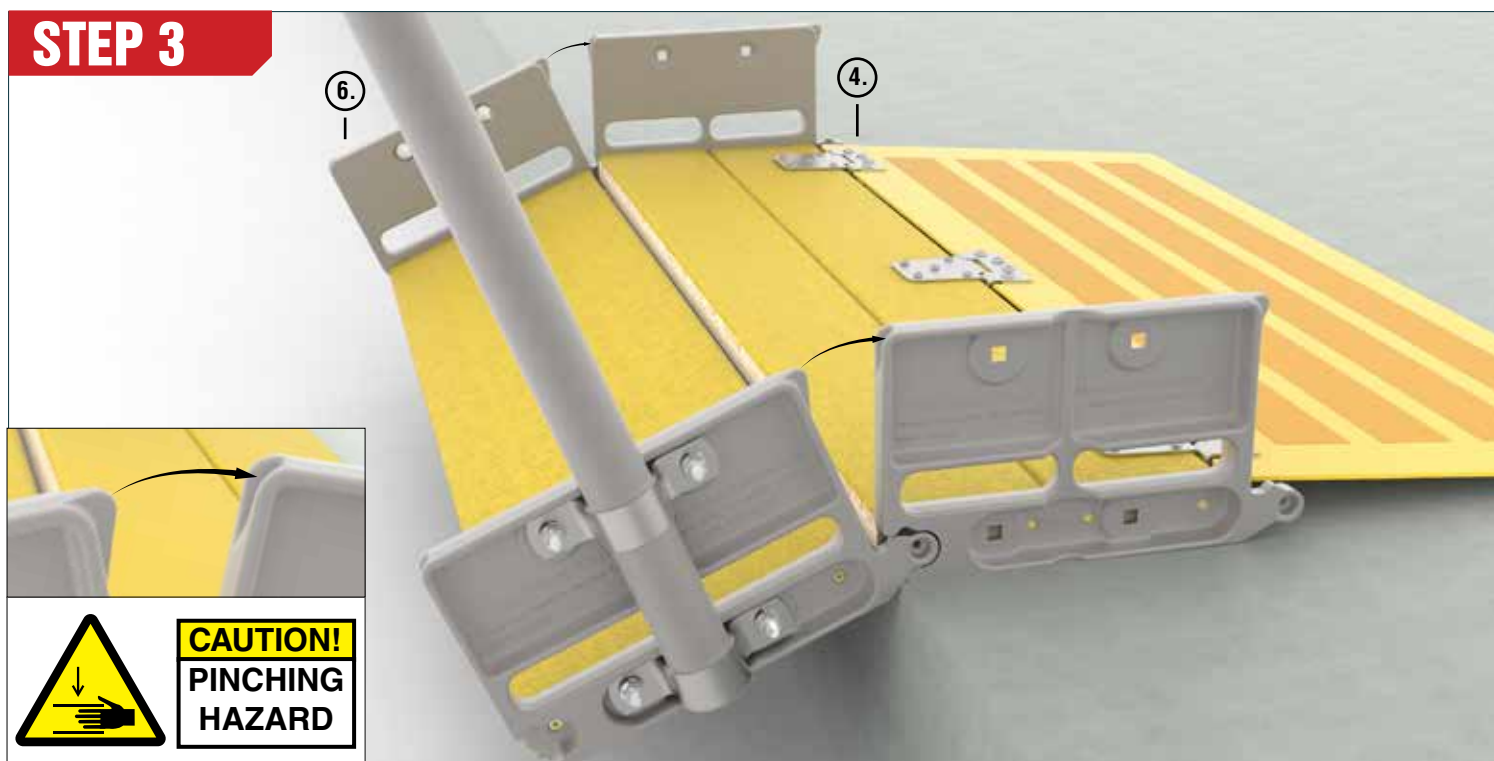
# EIGHT SECTION RAMP w HANDRAILS

## STEP 2



Simultaneously insert the arms (left and right casting) of the **attachment-ready section with handrail uprights** (#6) (black band) into the sockets of the castings of the **top section with approach plate** (#4).

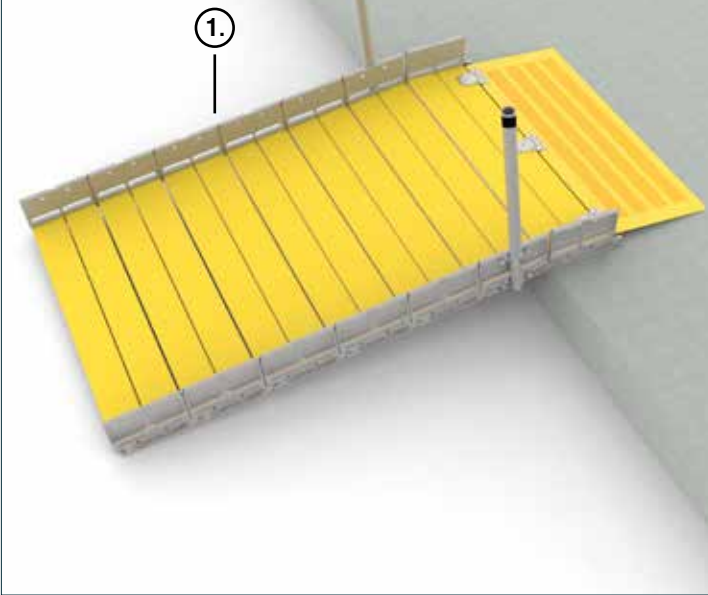
## STEP 3



Rotate the **attachment-ready section with handrail uprights** (#6) (black band) being installed upward to lock it into place. Make sure that the fin on the upper front corner of the first section engages with the groove on the back top corner of the **top section with approach plate** (#4).

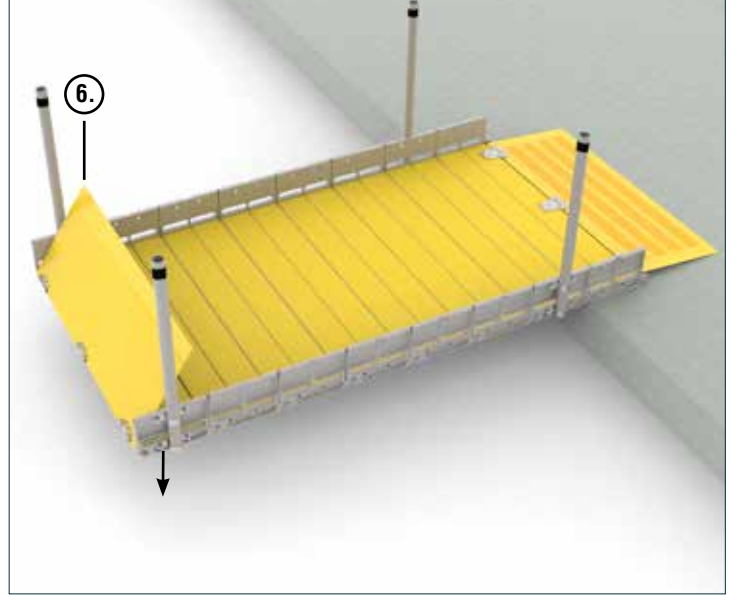
# EIGHT SECTION RAMP w HANDRAILS

## STEP 4



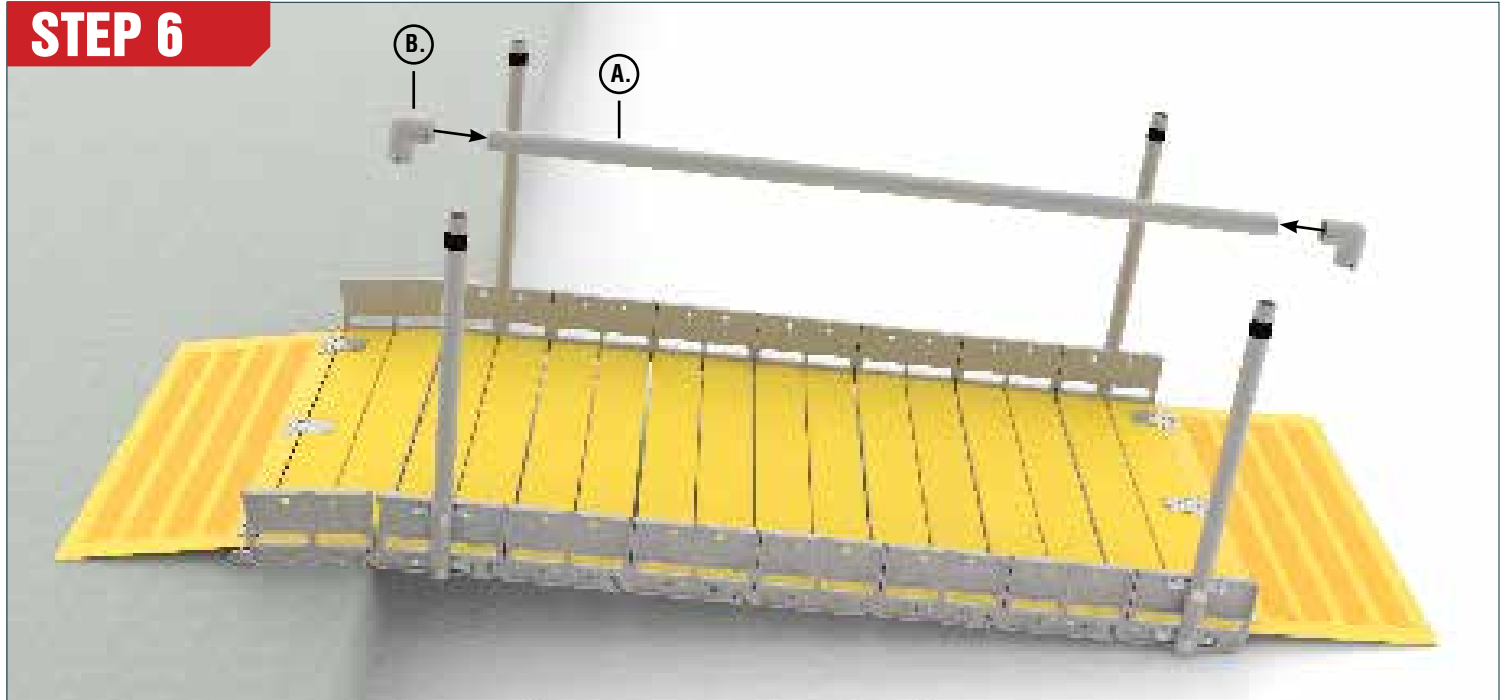
Repeat with the remaining four **standard sections** (#1). Note: May require to lift the end of the ramp as you assemble the ramp.

## STEP 5



Repeat steps two and three with the **bottom section with approach plate and handrail uprights** (#6) (black band). Place onto the ground. Lower the approach plate onto the ground.

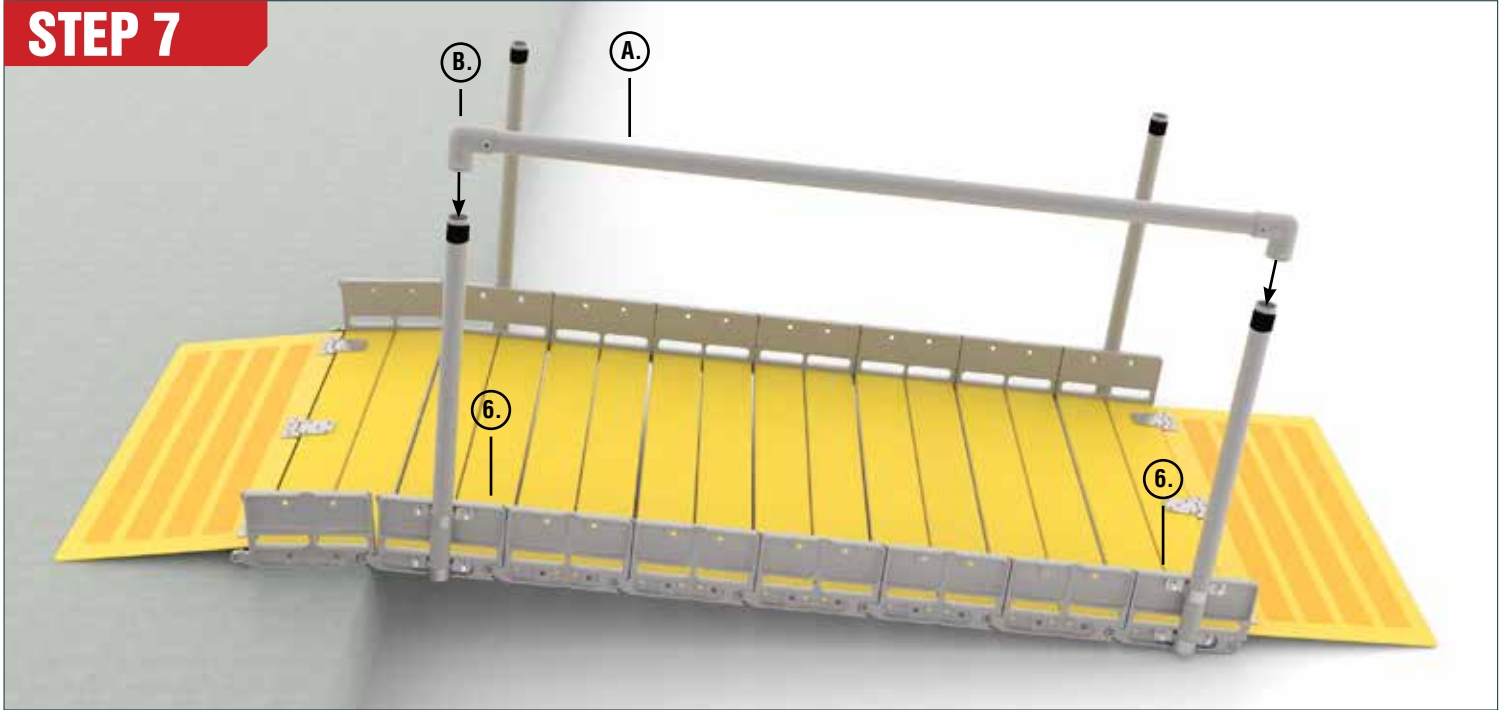
## STEP 6



Place one **90 degree fitting** (#B) on each end of the **horizontal handrail** (#A) section. Do not tighten set screws on the 90 degree fitting yet. Note: The set screws go to the outside of the ramp.

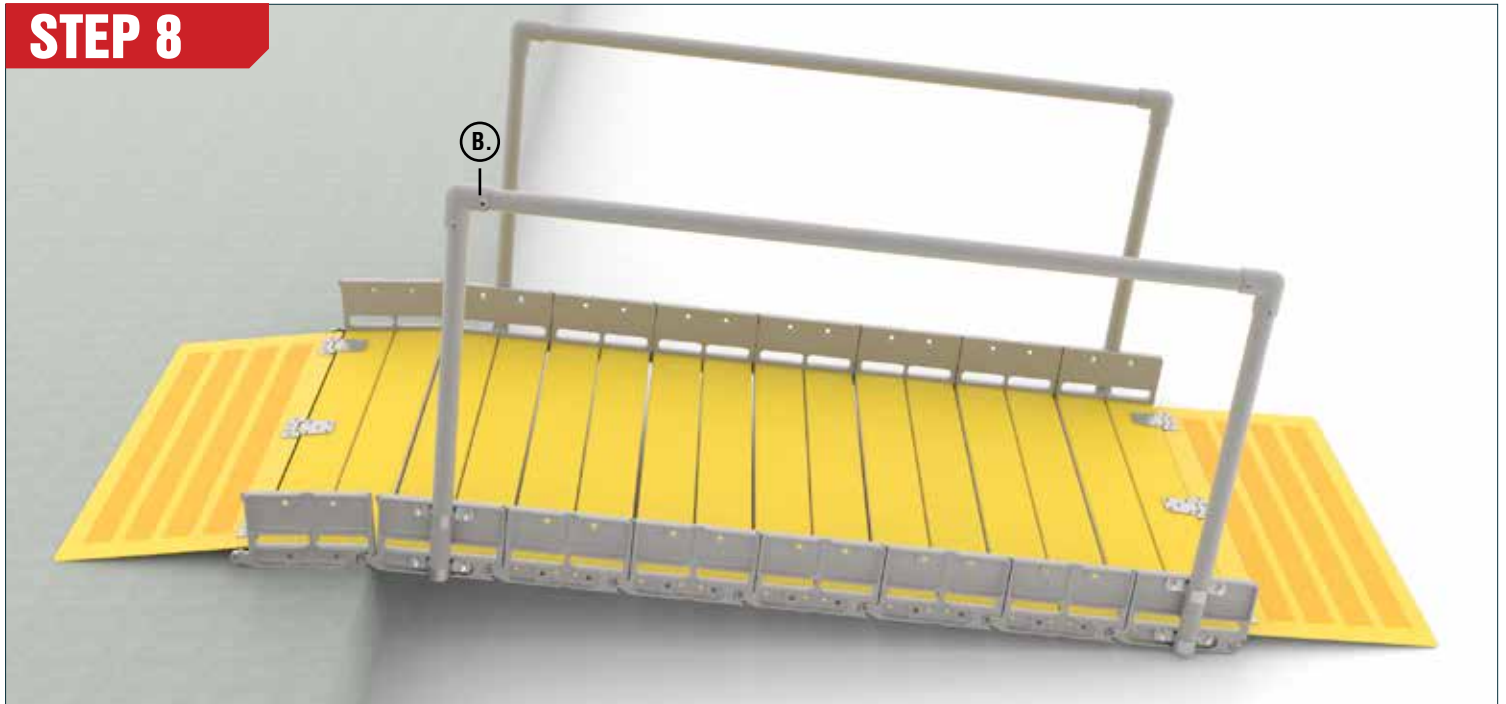
# EIGHT SECTION RAMP w HANDRAILS

## STEP 7



Using the assistance of a helper, guide both ends of the **horizontal handrail** (#A) with the **90 degree fitting** (#B) on it over top of the handrail uprights on the **bottom section with approach plate with handrail uprights** (#6) (black band) and **attachment-ready section with handrail uprights** (#6) (black band).

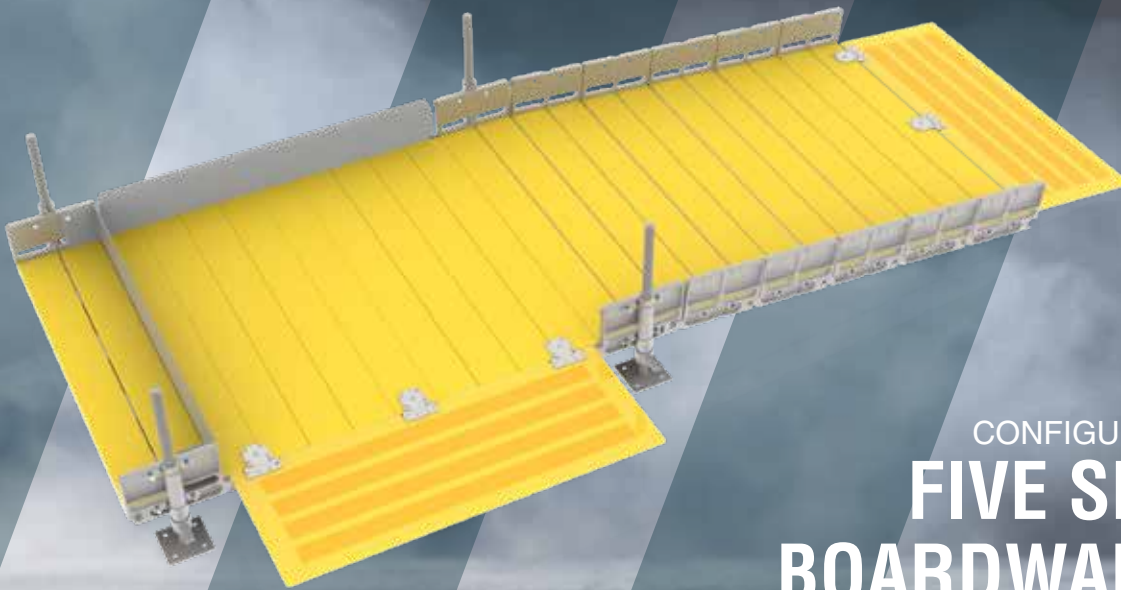
## STEP 8



Repeat previous step for opposite side. Tighten set screws on the **90 degree fitting** (#B).

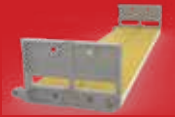


# FIVE SECTION BOARDWALK SYSTEM



## CONFIGURATION #3 FIVE SECTION BOARDWALK SYSTEM

### PARTS NEEDED FOR FIVE SECTION BOARDWALK SYSTEM



**Assembly #1**  
Standard BoardWalk  
Sections  
Quantity - 4



**Assembly #4**  
Top Section with  
Approach Plate  
Quantity - 1



**Assembly #3**  
Approach Plate  
Assembly  
Quantity - 1



**Part A.**  
BoardWalk Platform  
Quantity - 1

#### Jack Screw Assembly



**Part B.**  
Jack Screw  
Quantity - 4



**Part C.**  
Jack Screws  
Quantity - 4



**Part D.\***  
Jack Tubes  
Quantity - 4



**Part E.**  
Collar Clamp  
Quantity - 8



**Part F.\***  
Square-Necked  
Carriage Bolt  
Quantity - 16



**Part G.\***  
Strap Clamp  
Quantity - 8



**Part H.\***  
Nut (Strap Clamps)  
Quantity - 16



**Part I.\***  
Locking Washer  
(Strap Clamps)  
Quantity - 16



**Part J.**  
Washer  
(Approach Plate)  
Quantity - 16



**Part K.**  
Nut  
(Approach Plate)  
Quantity - 16



**Part L.**  
Bolt  
(Approach Plate)  
Quantity - 16



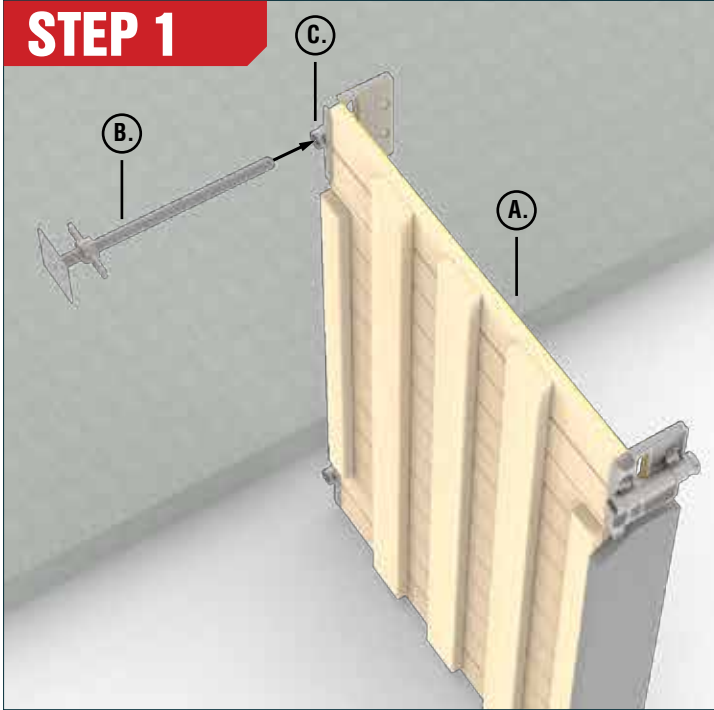
**Part M.**  
Movable Gray Curb  
Quantity - 1

\*Pre-assembled on Platform

**TOOLS REQUIRED - #3 PHILIPS SCREW DRIVER, 3/16" HEX KEY, 5/8" SOCKET, LEVEL, 7/16" WRENCH, IMPACT DRIVER/DRILL, T27 DRIVER BIT (PROVIDED)**

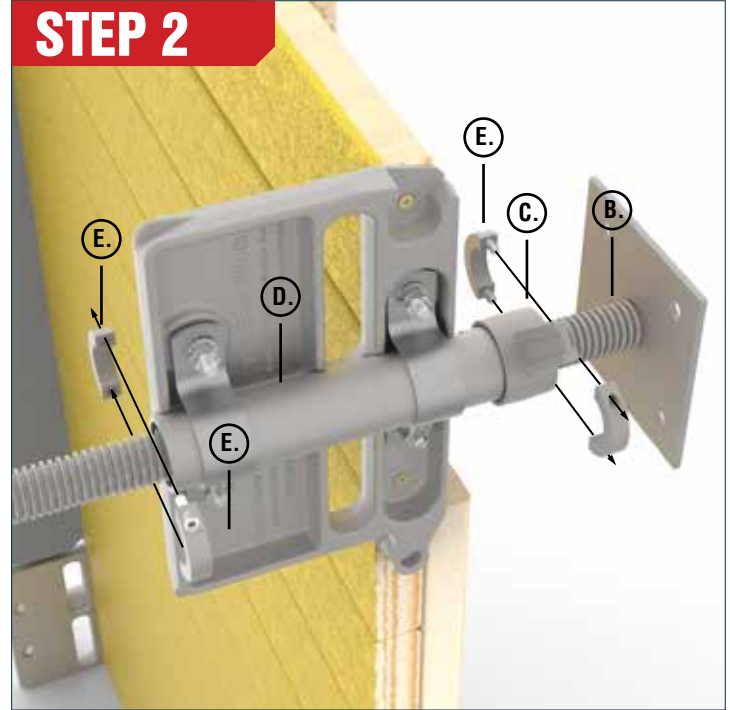
# FIVE SECTION BOARDWALK SYSTEM

## STEP 1



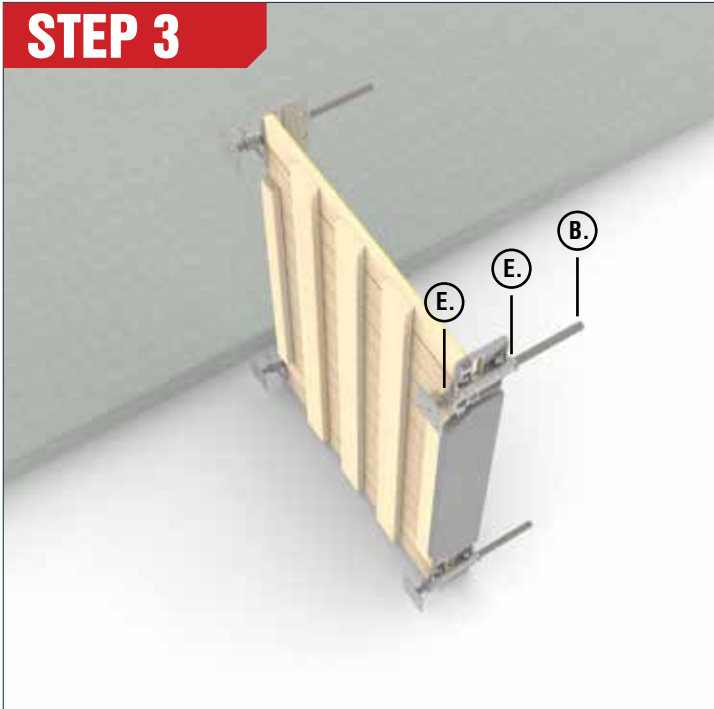
Turn the **Platform (A)** on its side. Insert the **jack screw assembly (B)** (preassembled) into the **jack tube (D)** on the platform. Note: It will be easier to insert the jack screws into the jack tubes if you rotate the platform on the non approach plate side.

## STEP 2



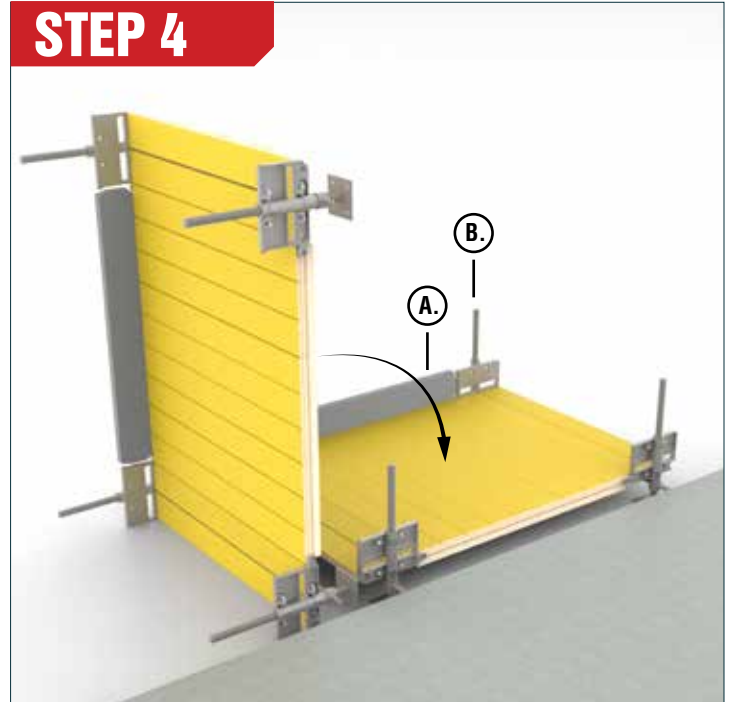
Place two **clamp collars (E)** per **jack screw assembly (B)**: One above the **jack tube (D)** and one below the **jack screw wing nut (C)**.

## STEP 3



Repeat steps one and two with the other three **jack screws (B)** and **clamp collars (E)**.

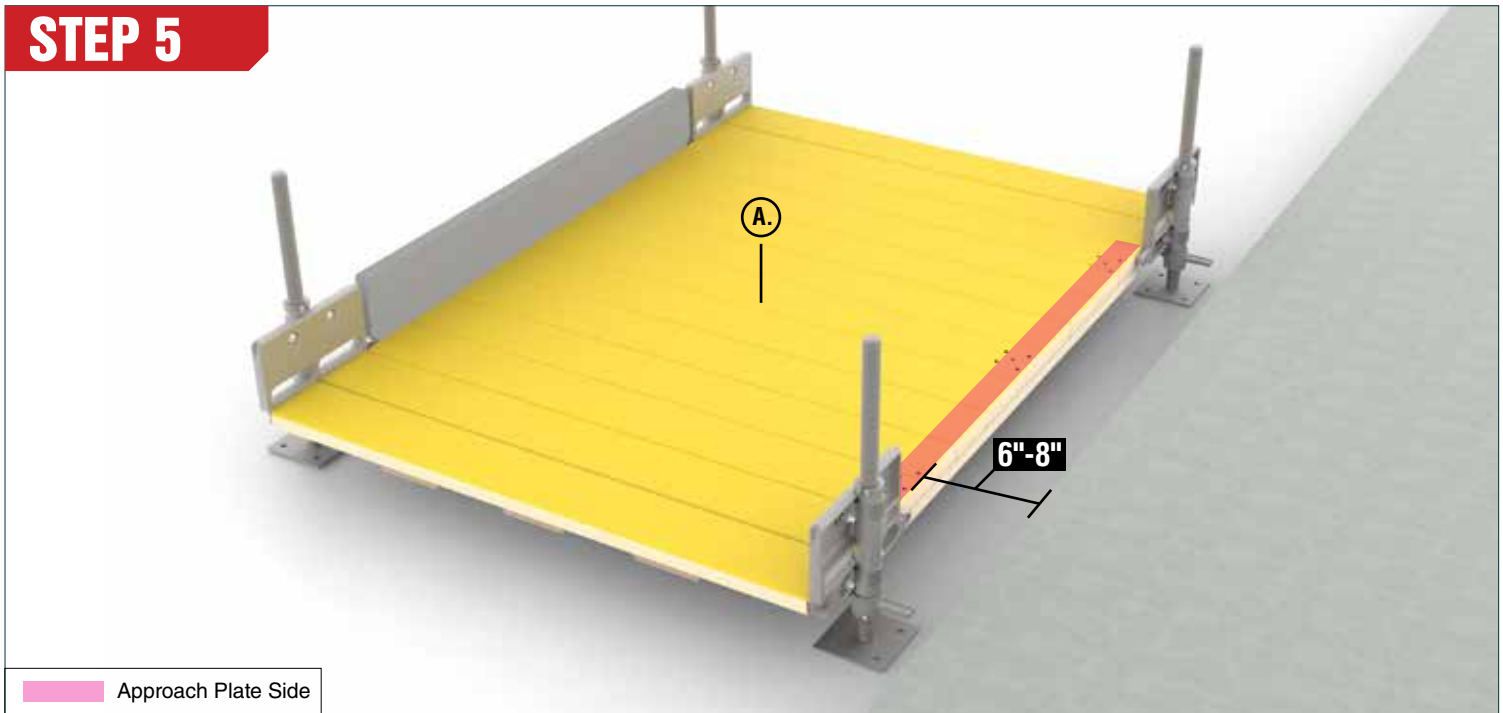
## STEP 4



Rotate the **Platform (A)** so that the **jack screws (B)** make contact with the ground.

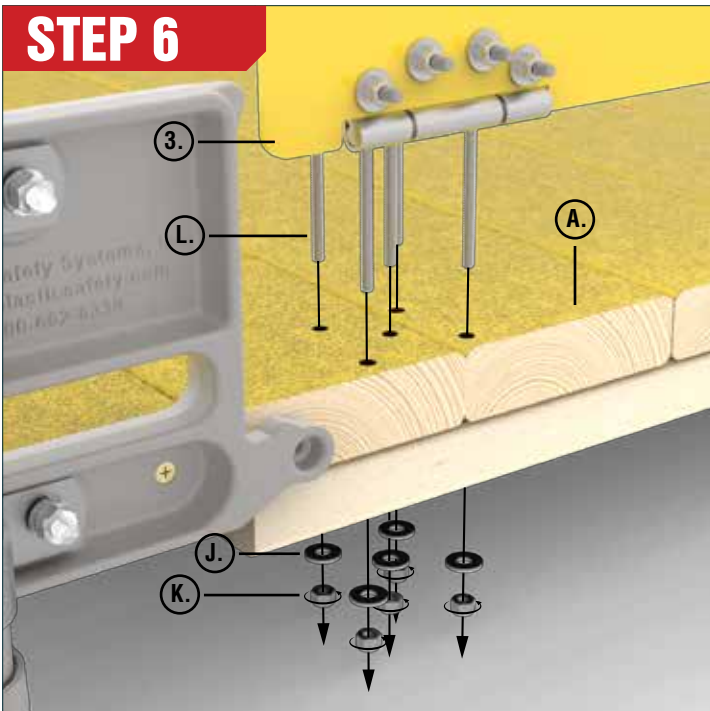
# FIVE SECTION BOARDWALK SYSTEM

## STEP 5



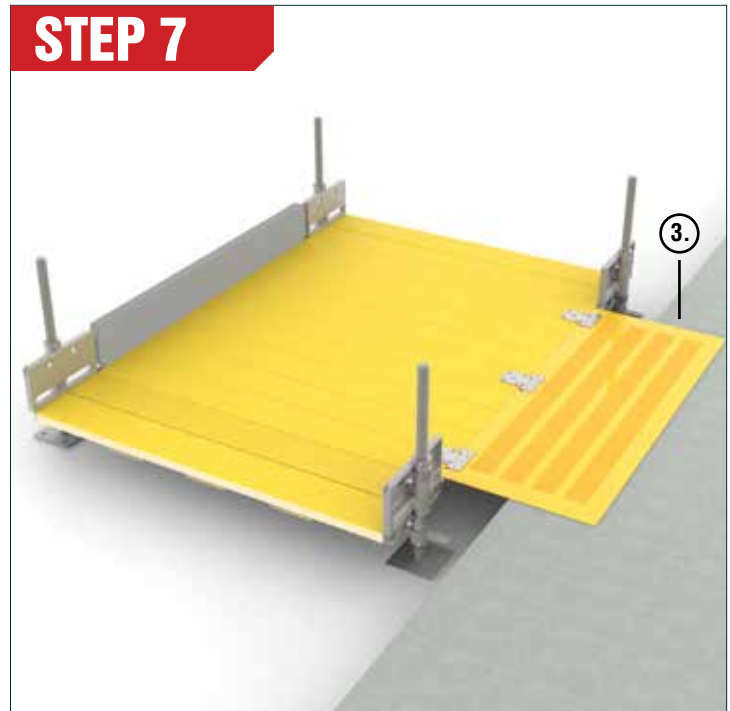
Place the **platform assembly** (A) next to the desired location adjacent to the curb. Aligning the approach plate side of the platform parallel to the curb; approximately 6-8" away from the curb to allow for adjustments to the jack screw.

## STEP 6



Attach the **approach plate assembly** (#3) using the supplied **nuts** (K), **washers** (J) and **bolts** (L) into the pre-drilled holes in the **platform**.

## STEP 7

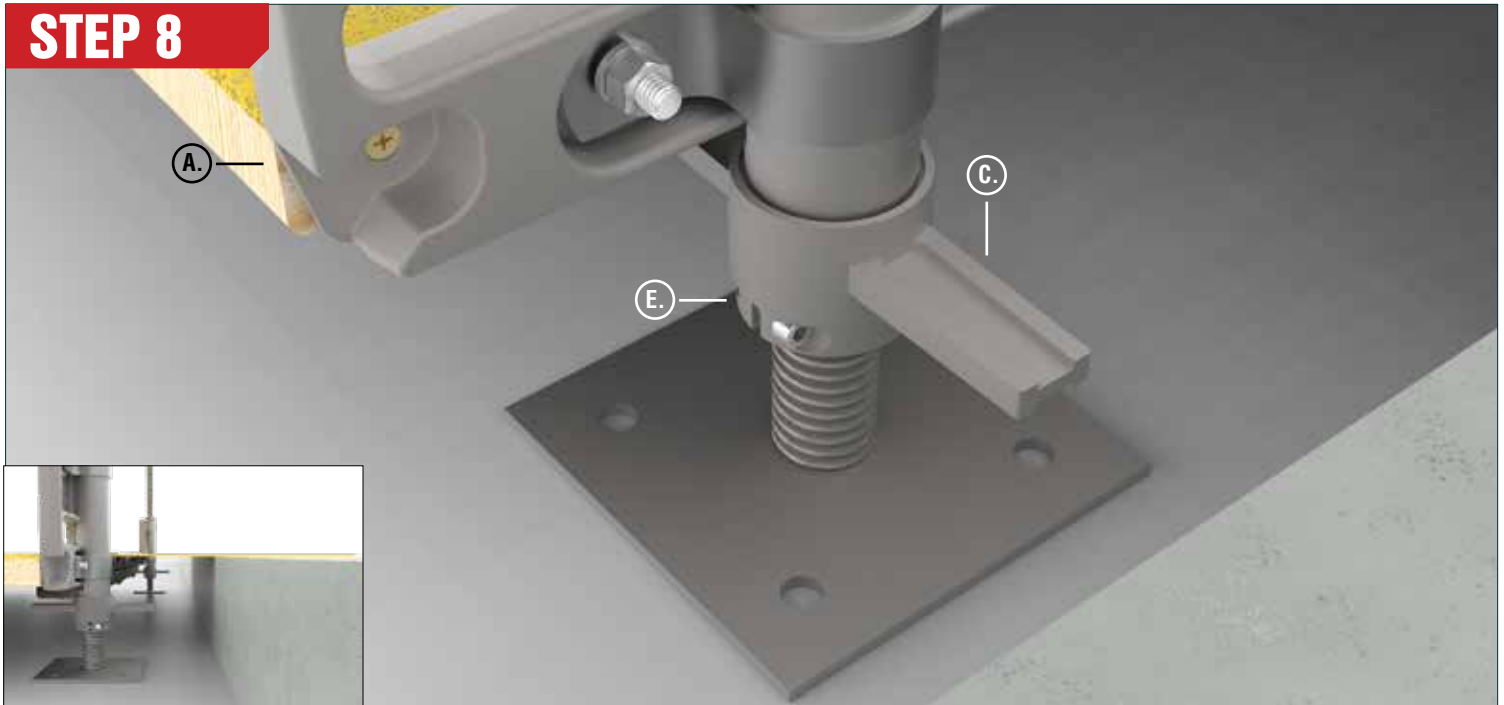


Lower the **approach plate** (3) to the curb.



# FIVE SECTION BOARDWALK SYSTEM

## STEP 8



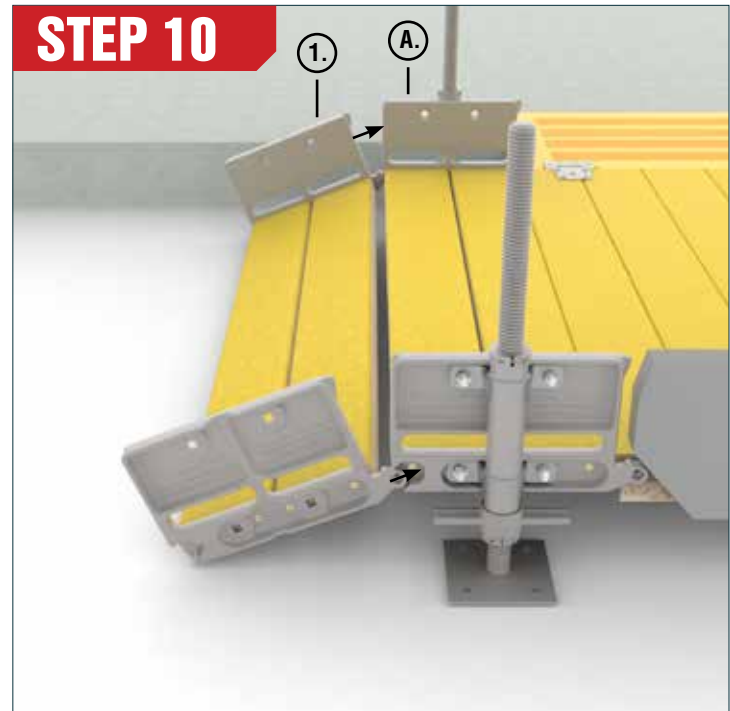
Adjust the height of the **Platform** (A) and level it using the **jack screw wingnut** (C). Note: May have to loosen the **clamp collars** (E). Turn the jack screw wing nut left to lower and to the right to raise. Adjust the platform so that the approach plate is level (+ 1/2" - 0") with the curb.

## STEP 9



Resnut the **clamp collars** (L) on top and bottom of each wingnut.

## STEP 10



Insert the first **standard section** (1) into the castings on the **platform** (A) on the desired side.

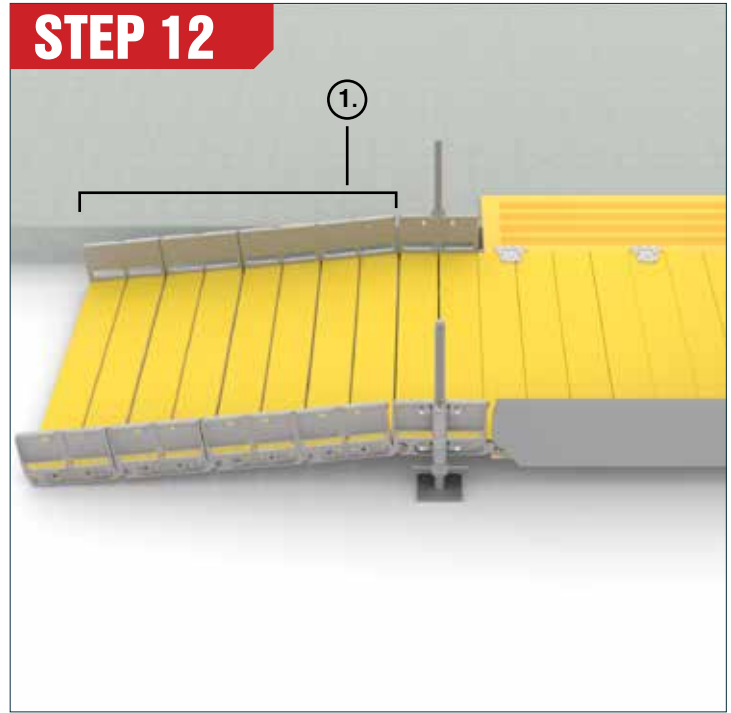
# FIVE SECTION BOARDWALK SYSTEM

## STEP 11



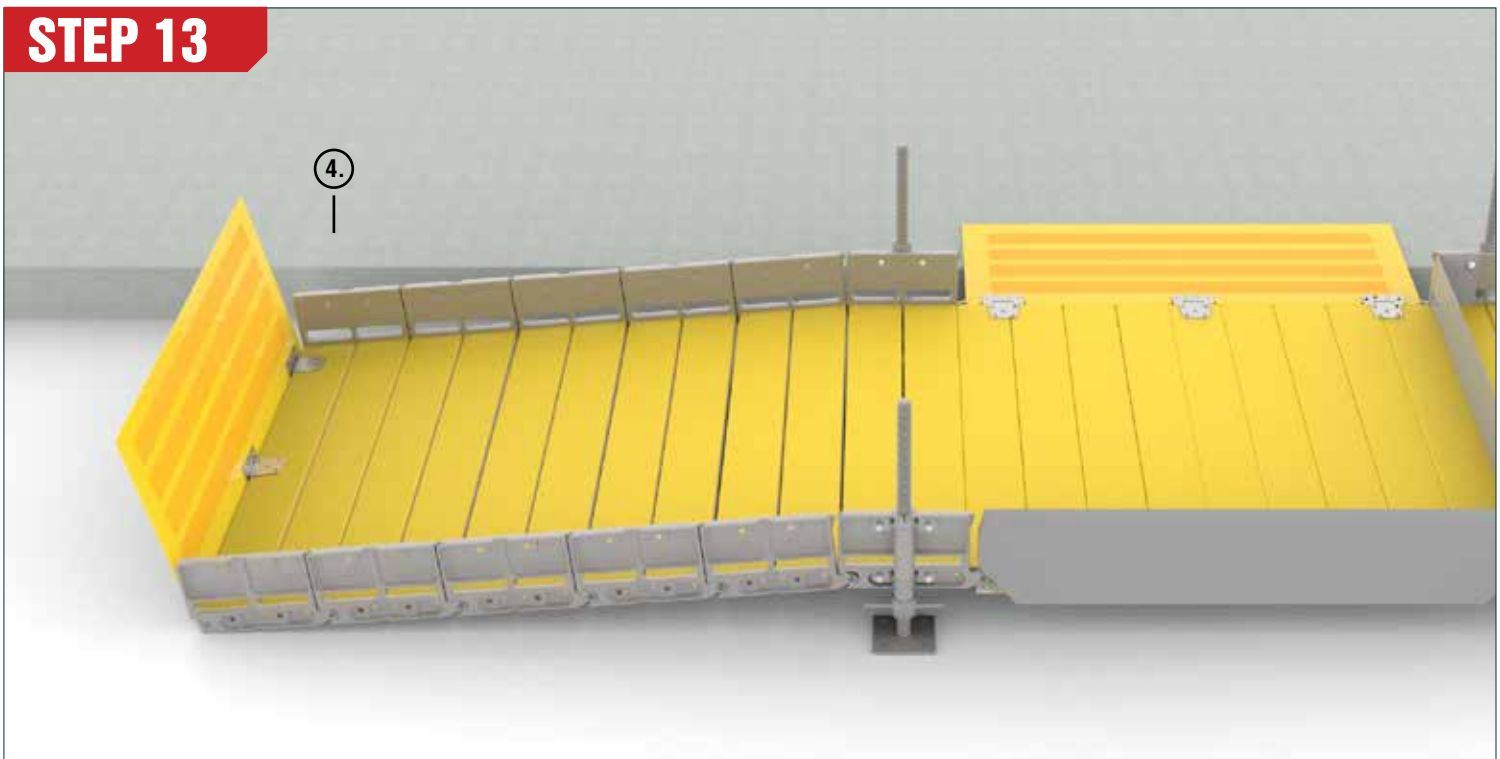
Rotate the first **standard section** (1) upward to lock it into place. Make sure that the fin on the upper front corner of the first section engages with the groove on the back top corner of the casting on the platform.

## STEP 12



Repeat with the remaining three **standard sections** (1).

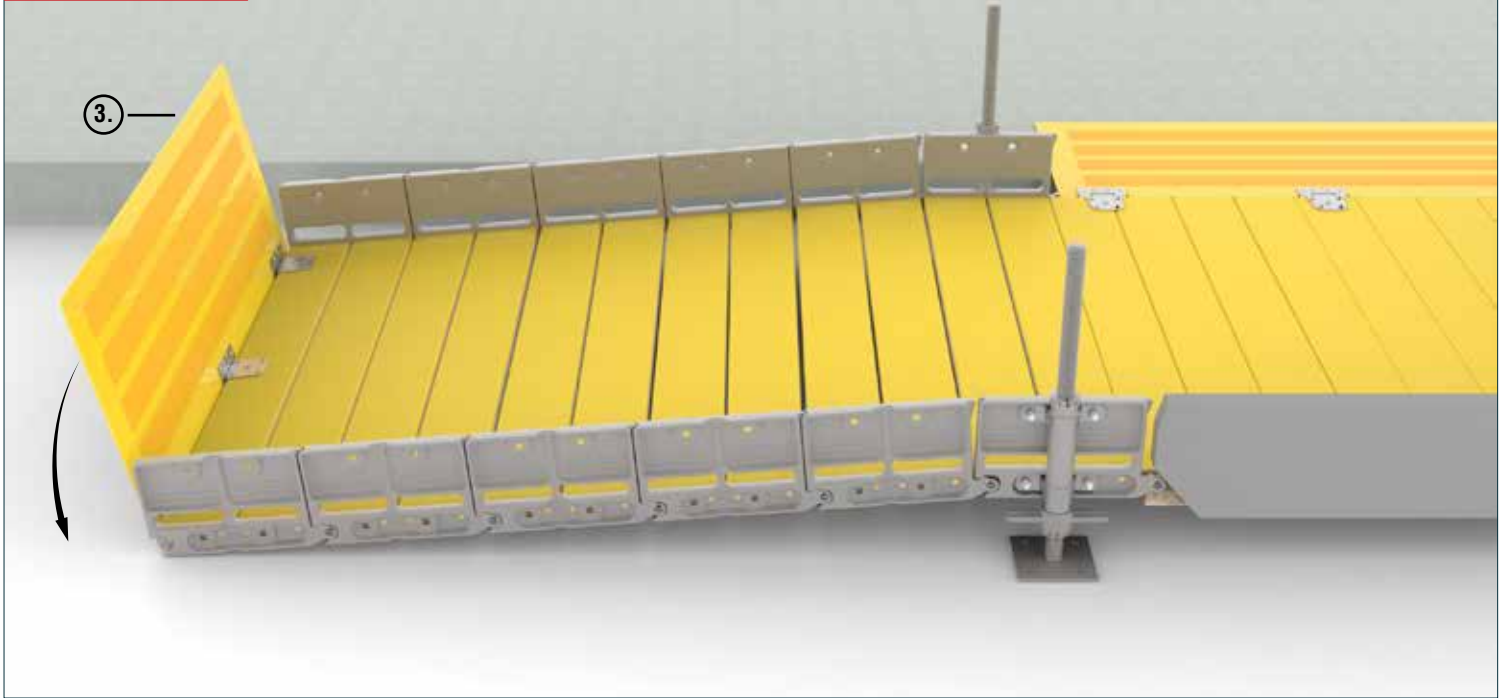
## STEP 13



Repeat steps 10 and 11 with the **bottom section with approach plate** (4).

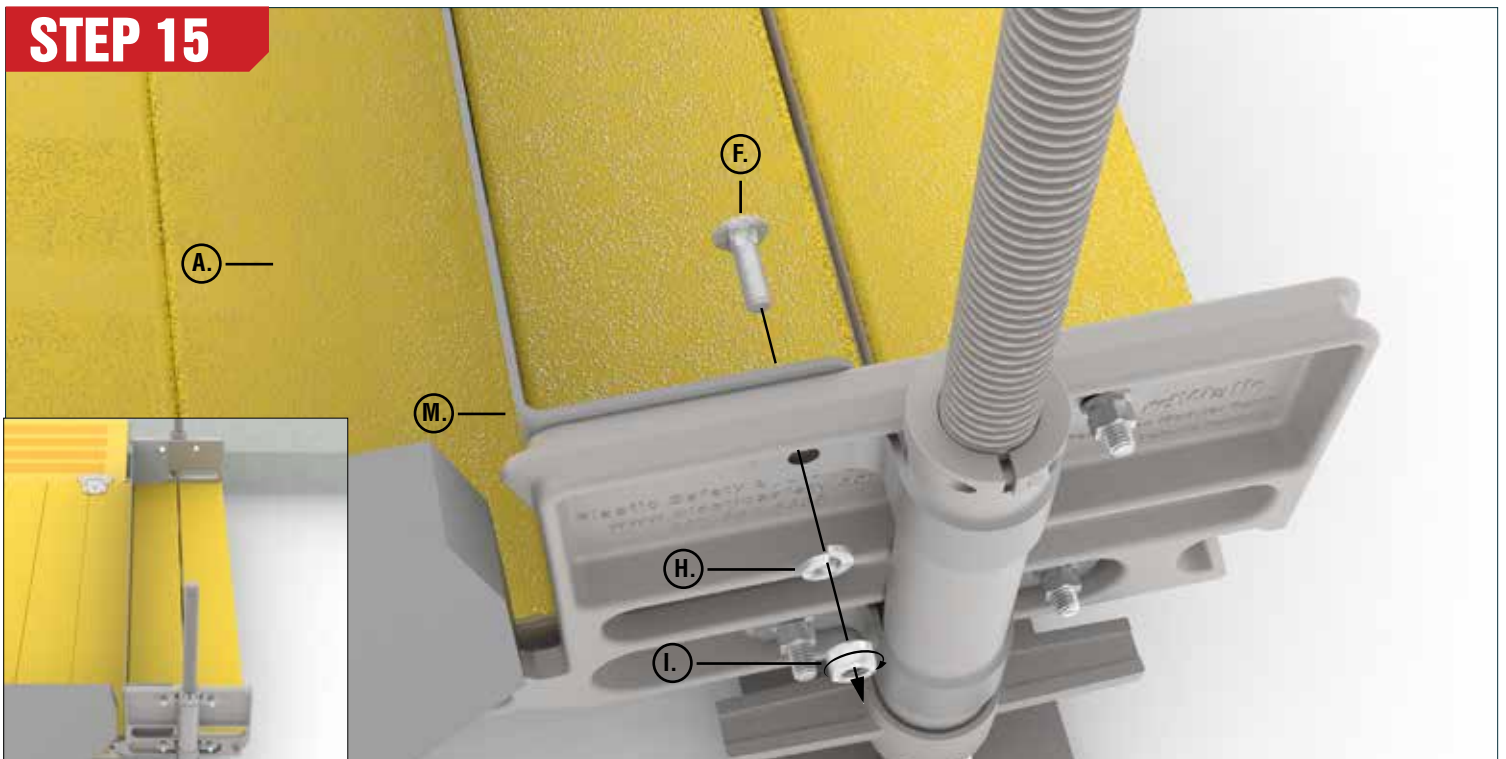
# FIVE SECTION BOARDWALK SYSTEM

## STEP 14



Place the ramp onto the ground. Lower the **approach plate** (3) onto the ground.

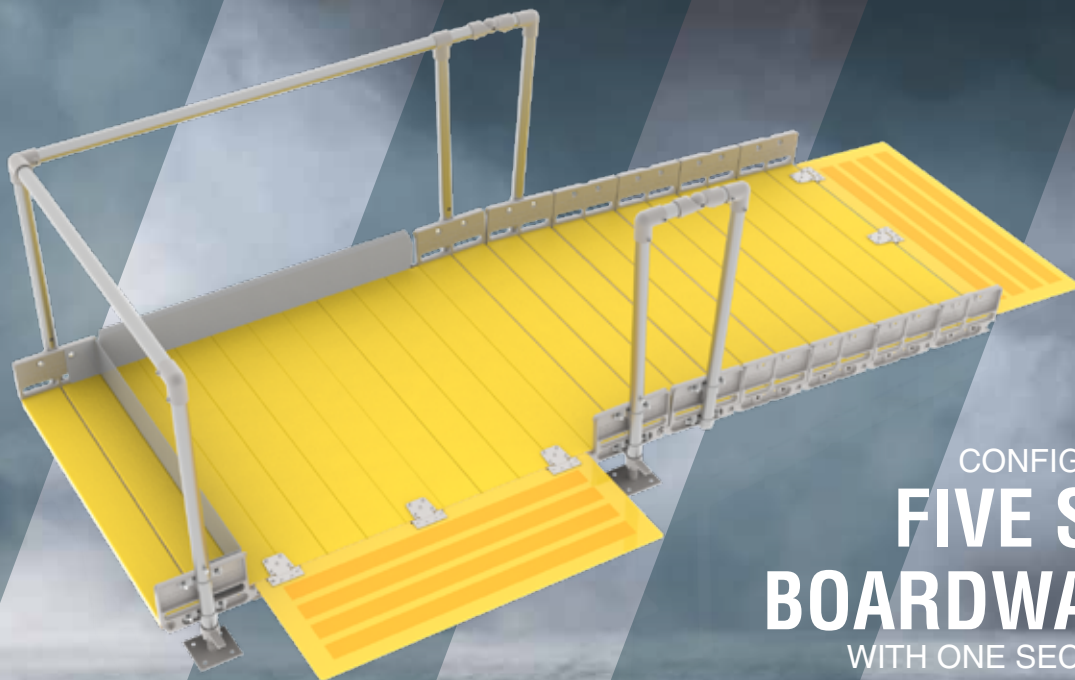
## STEP 15



Opposite the attached ramp, attach the **removable gray curb** (M) utilizing the **bolts** (F), **locking washer** (H), and **nut** (I) of the strap clamp on both sides of the **Platform** (A).



# FIVE SECTION BOARDWALK SYSTEM



## BOARDWALK HANDRAIL LENGTH KEY

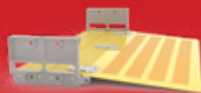
35.187"	Black	
63.5"	Blue	
51.5"	Green	
50.5"	Yellow	
5"	White	

## CONFIGURATION #4 FIVE SECTION BOARDWALK SYSTEM WITH ONE SECTION OF HANRAILS

### PARTS NEEDED FOR FIVE SECTION BOARDWALK SYSTEM



**Assembly #1**  
Standard BoardWalk  
Sections  
Quantity - 3



**Assembly #4**  
Top Section with  
Approach Plate  
Quantity - 1



**Assembly #3**  
Approach Plate  
Assembly  
Quantity - 1



**Assembly #6**  
Attachment-Ready  
Section with Handrail Uprights  
Quantity - 1



**Part A.**  
BoardWalk Platform  
Quantity - 1



**Part B.**  
Jack Tube Upright  
for Handrails  
Quantity - 2



**Part E.**  
Collar Clamp  
Quantity - 4



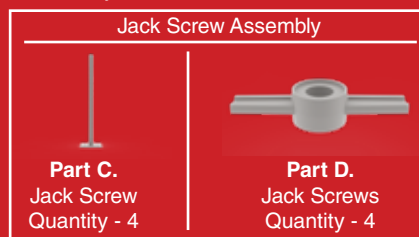
**Part F.\***  
Square-Necked  
Carriage Bolt  
Quantity - 16



**Part G.\***  
Strap Clamp  
Quantity - 8



**Part H.\***  
Nut (Strap Clamps)  
Quantity - 16



#### Jack Screw Assembly

**Part C.**  
Jack Screw  
Quantity - 4

**Part D.**  
Jack Screws  
Quantity - 4



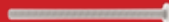
**Part I.\***  
Locking Washer  
(Strap Clamps)  
Quantity - 16



**Part J.**  
Washer  
(Approach Plate)  
Quantity - 16



**Part K.**  
Nut  
(Approach Plate)  
Quantity - 16



**Part L.**  
Bolt  
(Approach Plate)  
Quantity - 16



**Part M.**  
Movable Gray Curb  
Quantity - 1



**Part N.**  
5" Stub Pipe  
Quantity - 4



**Part O.**  
Hex Bolt  
Quantity - 4



**Part P.**  
90 Degree  
Fitting  
Quantity - 4



**Part Q.**  
90 Degree  
Threeway Fitting  
Quantity - 1



**Part R.**  
Adjustable Elbow  
Fitting  
Quantity - 4



**Part S.**  
T-Fitting  
Quantity - 1



**Part T.**  
51.5" Handrail Pipe  
Quantity - 1

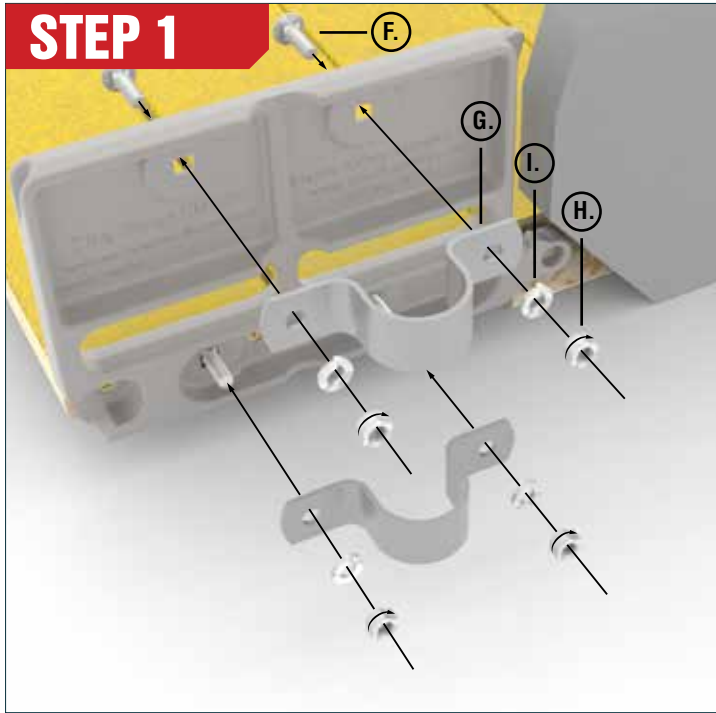


**Part U.**  
63.75" Handrail Pipe  
Quantity - 1

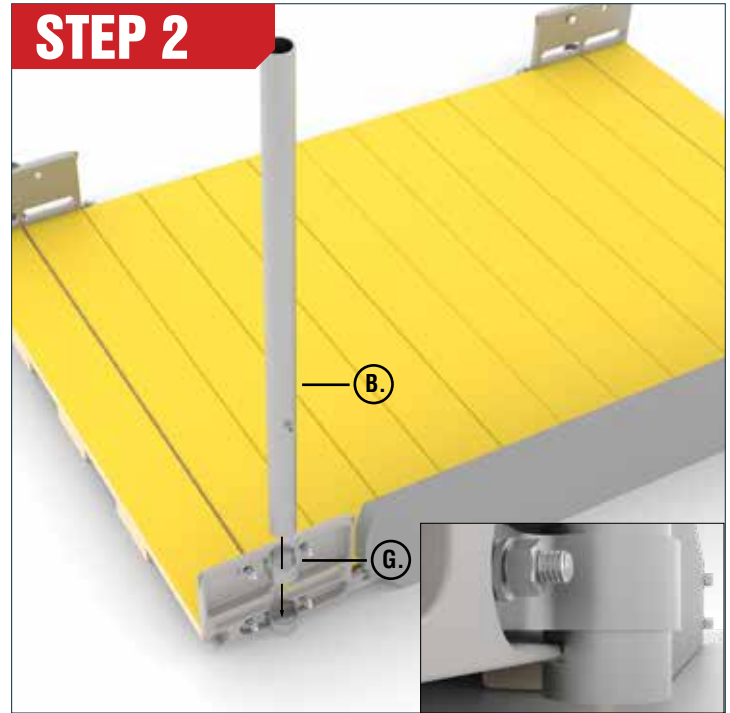
\*Pre-assembled on Platform

**TOOLS REQUIRED - #3 PHILIPS SCREW DRIVER, 3/16" HEX KEY, 3/8" SOCKET, 1/2" WRENCH, LEVEL, 7/16" WRENCH, 5/16" WRENCH, IMPACT DRIVER/DRILL, T27 DRIVER BIT (PROVIDED)**

# FIVE SECTION BOARDWALK SYSTEM



Loosely attach the **strap clamps** (G) using the **carriage bolts** (F), **lock washers** (I) and **nuts** (H). Making sure that the square neck of the bolt matches with the square hole in the castings.



Insert the **jack tube for handrail** (B) into the **strap clamps** (G). Make sure the slot in the end of the jack tube for handrail straddles the lower flange on the bottom of the casting. Tighten the nut onto the carriage bolt. Repeat for three other corners.



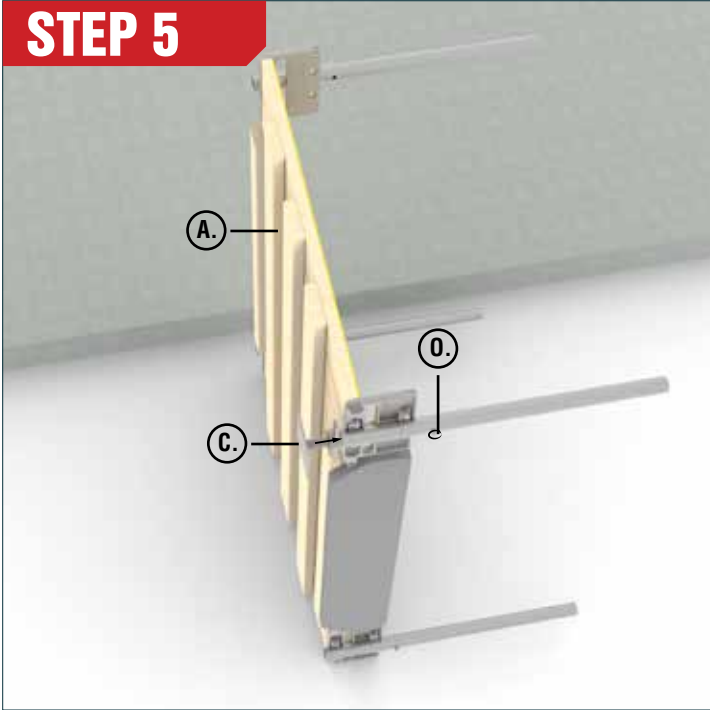
Loosely insert the **hex bolt (3/8 -16 x 1")** (O) into the nut welded on the **jack tube for handrail** (B).



Repeat steps one through three for the other three **jack tube for handrail** (B).

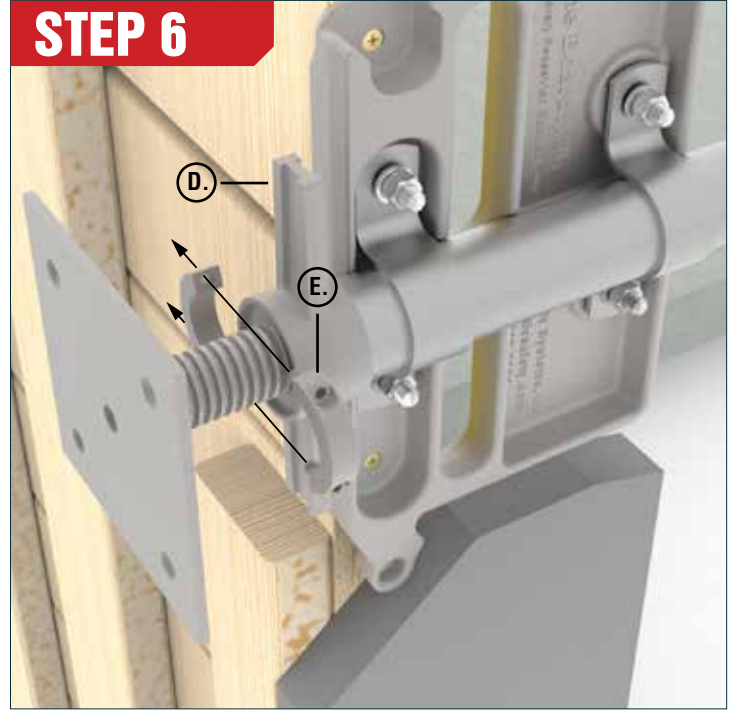
# FIVE SECTION BOARDWALK SYSTEM

## STEP 5



Turn **platform** (A) on its side. Insert a **jack screw assembly** (B) (pre-assembled) into **jack tubes for handrail** (C) on the platform. Snug the **hex bolts** (D). Note: It will be easier to insert the jack screw into the jack tubes for handrail if you rotate the platform on the non approach plate side.

## STEP 6



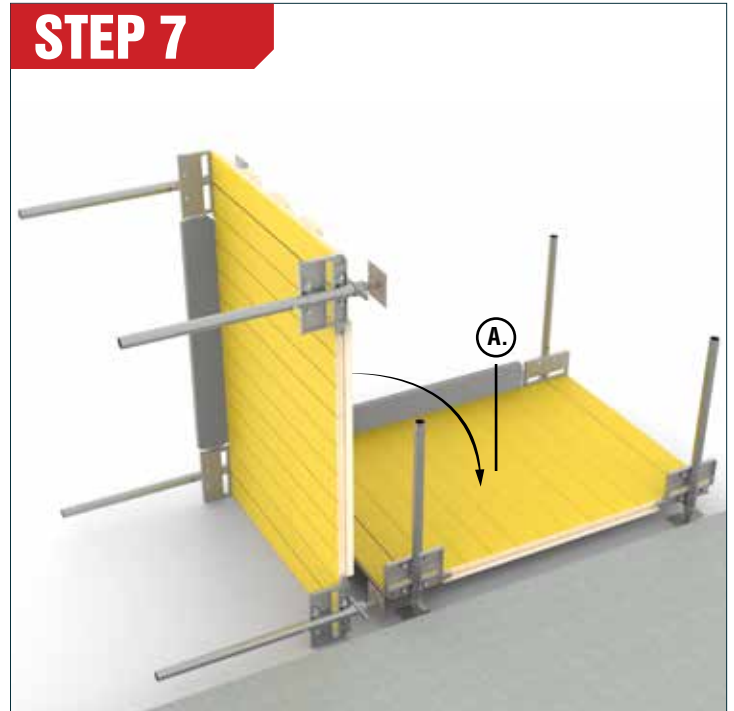
Place one **clamp collar** (A) below the **jack screw wing nut** (B).

## STEP 7



Repeat step five and six with the other **three jack screws** (B).

## STEP 7

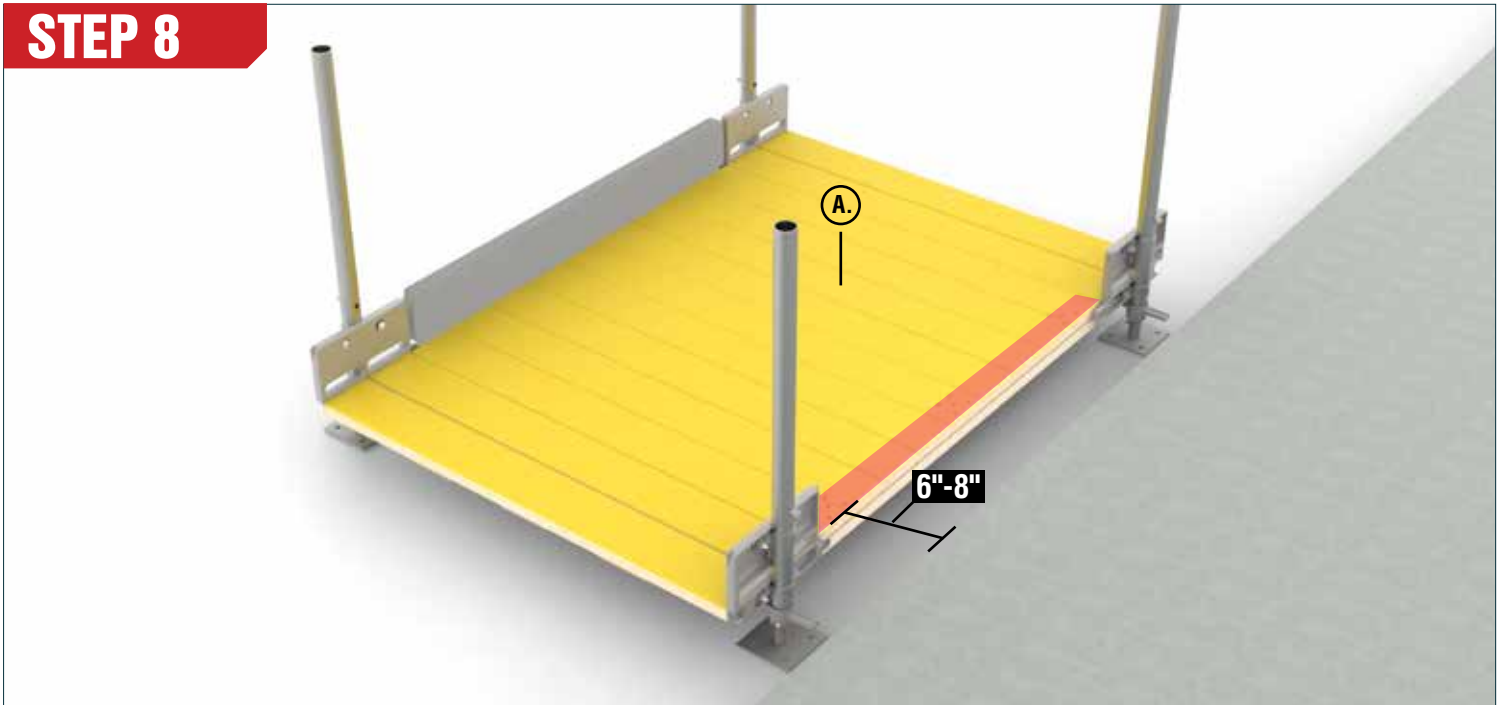


Rotate the **platform** (A) so that the **jack screws** (B) make contact with the ground.



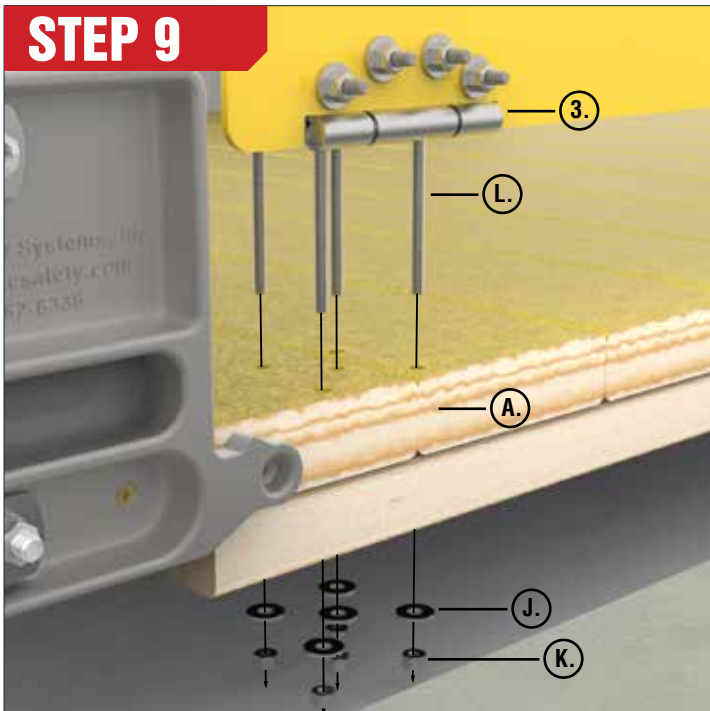
# FIVE SECTION BOARDWALK SYSTEM

## STEP 8



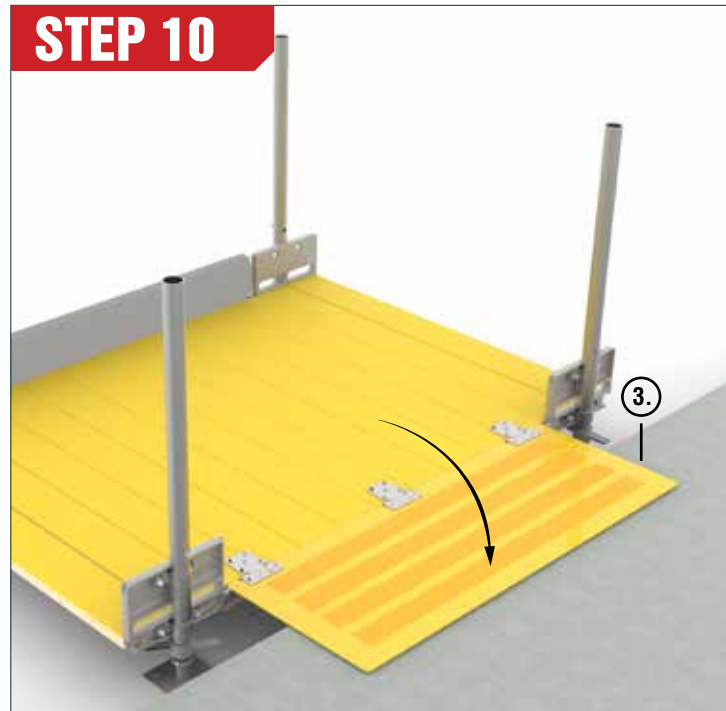
Place the **platform** (A) next to the desired location adjacent to the curb. Aligning the approach plate side of the platform parallel to the curb; approximately 6-8" away from the curb. Adjust the platform so that the approach plate is level (+ 1/2" - 0") with the curb.

## STEP 9



Attach the **approach plate** (3) using the supplied **nuts** (K), **washers** (J) and **bolts** (L) into the pre-drilled holes in the **platform** (A).

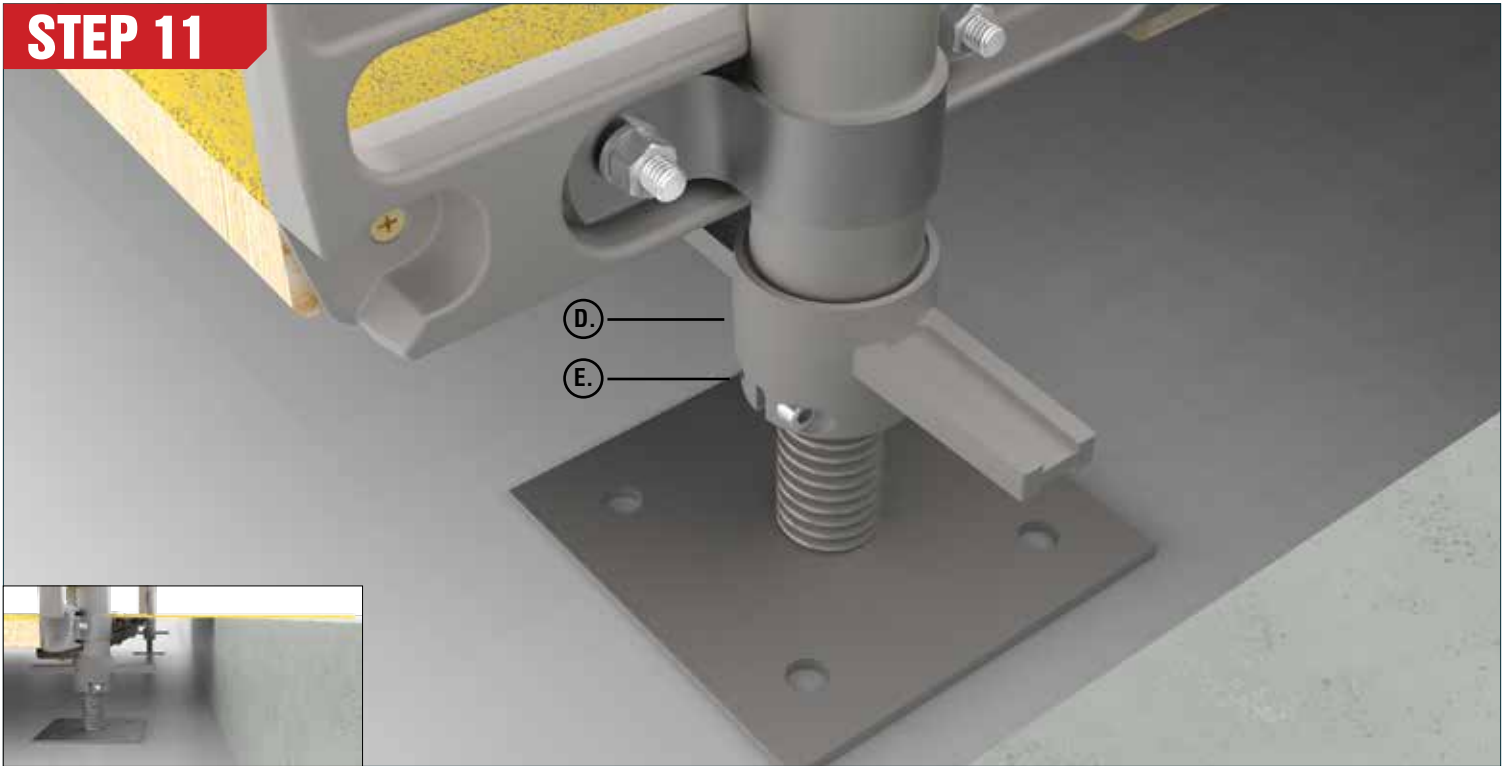
## STEP 10



Lower the **approach plate** (3) to the curb.

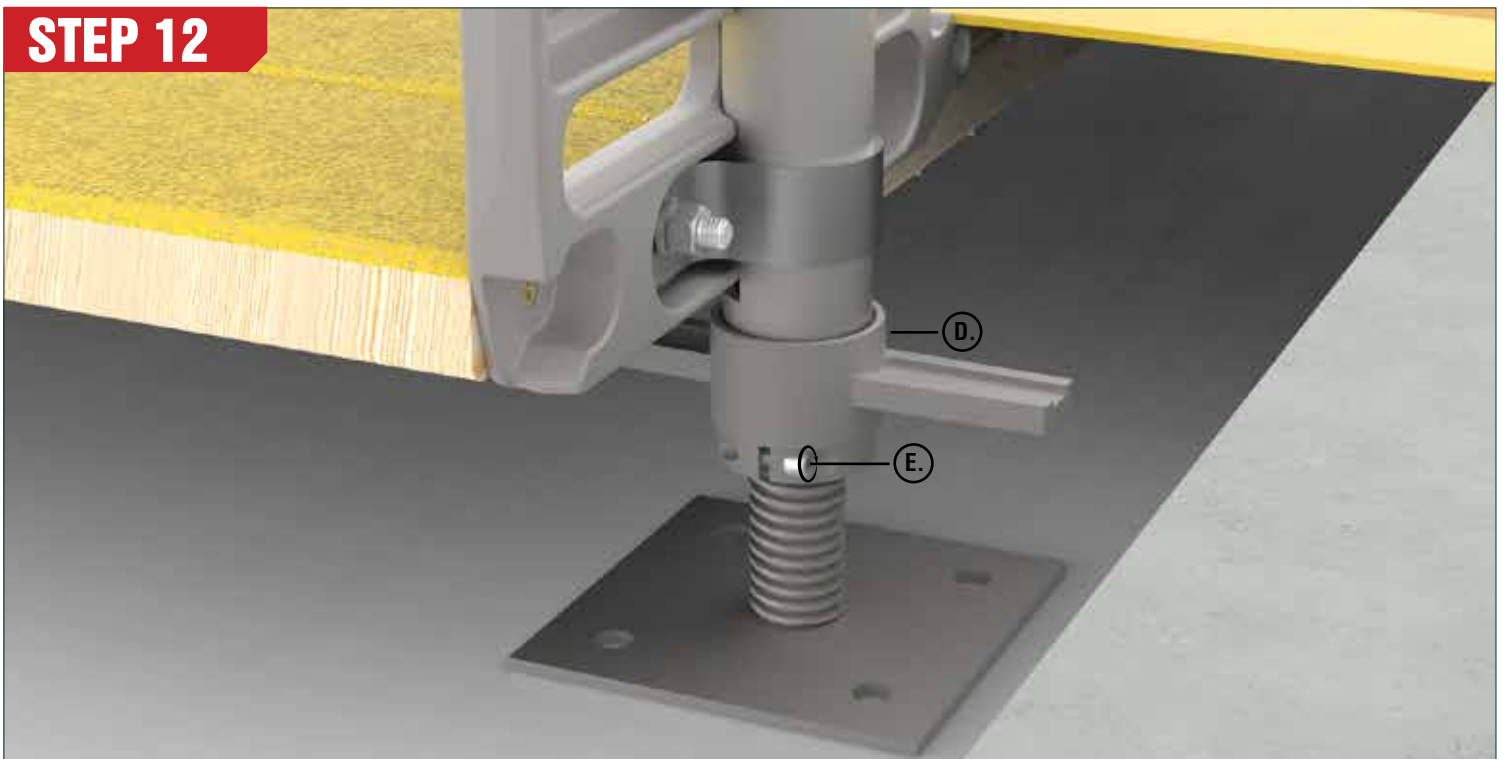
# FIVE SECTION BOARDWALK SYSTEM

## STEP 11



Adjust the height of the **platform** (A) and level it using the **jack screw wing nut** (D). Note: May have to loosen the **clamp collars** (E) and the **hex bolts** (O). Adjust the platform so that the **approach plate** (3) is level (+ 1/2"-0") with the curb.

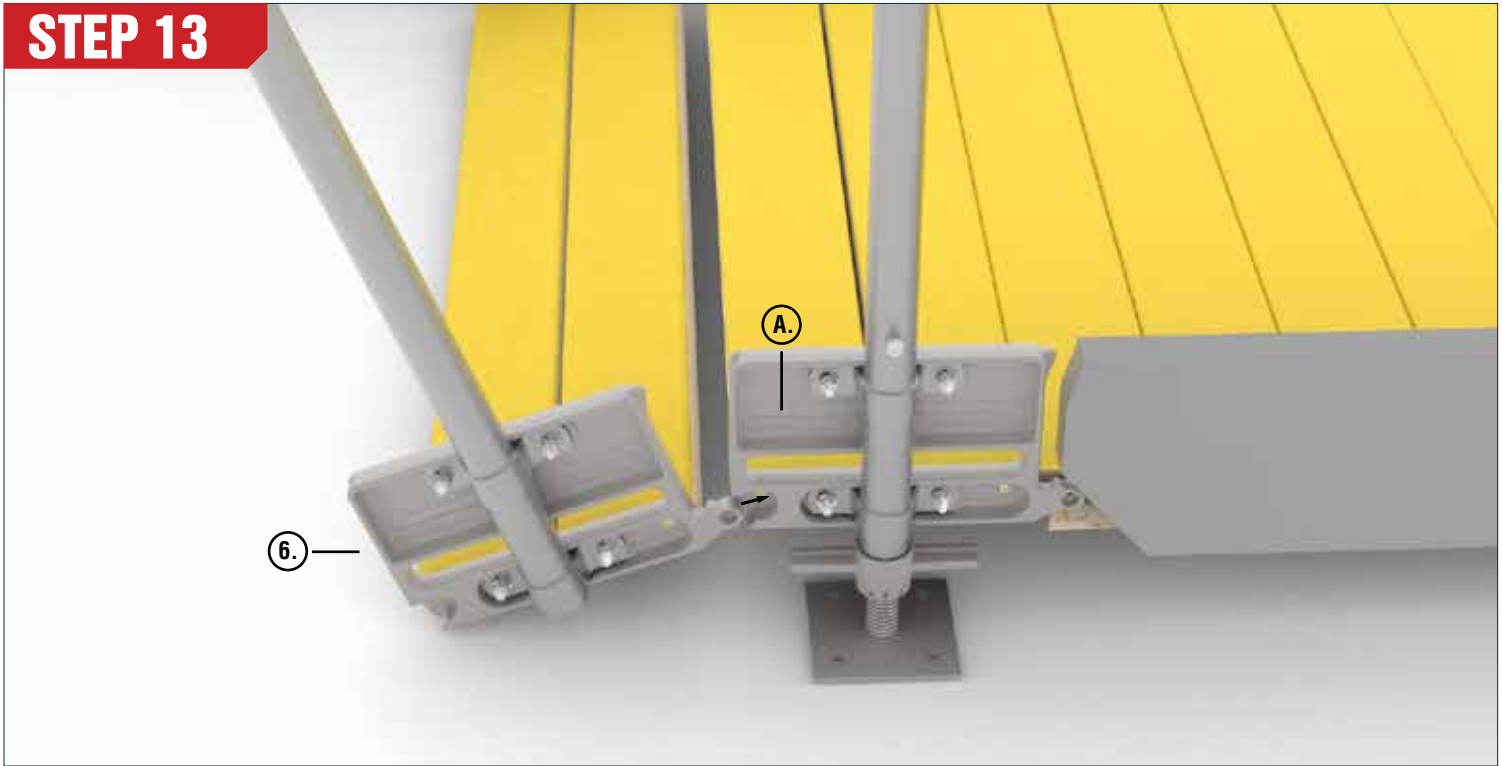
## STEP 12



Resnug the **clamp collars** (E) on the bottom of each **wing nut** (D). Resnug the **hex bolts** (O).

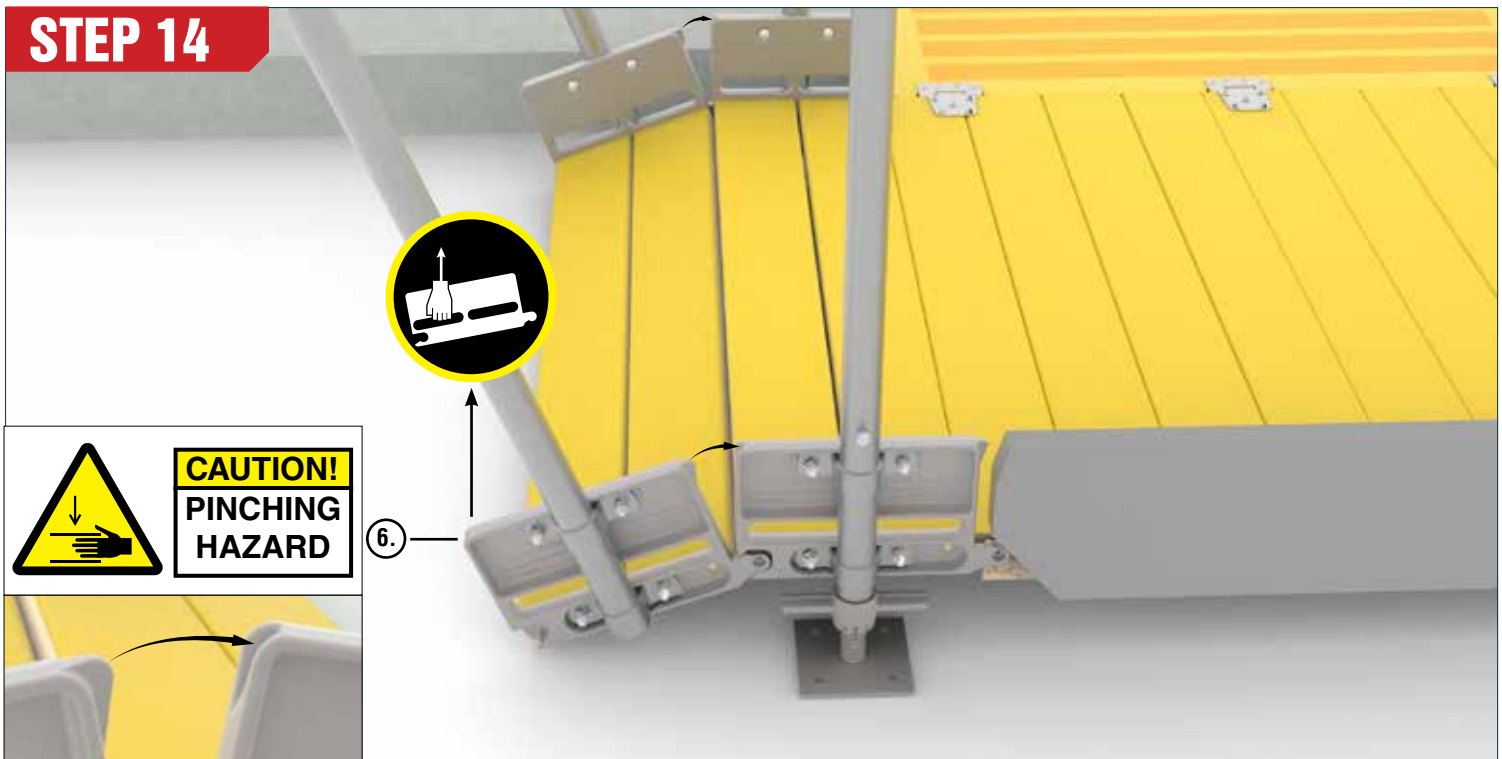
# FIVE SECTION BOARDWALK SYSTEM

## STEP 13



Insert the first **attachment-ready section with handrail uprights** (6) (black band) into the castings on the **platform** (A) on the desired side.

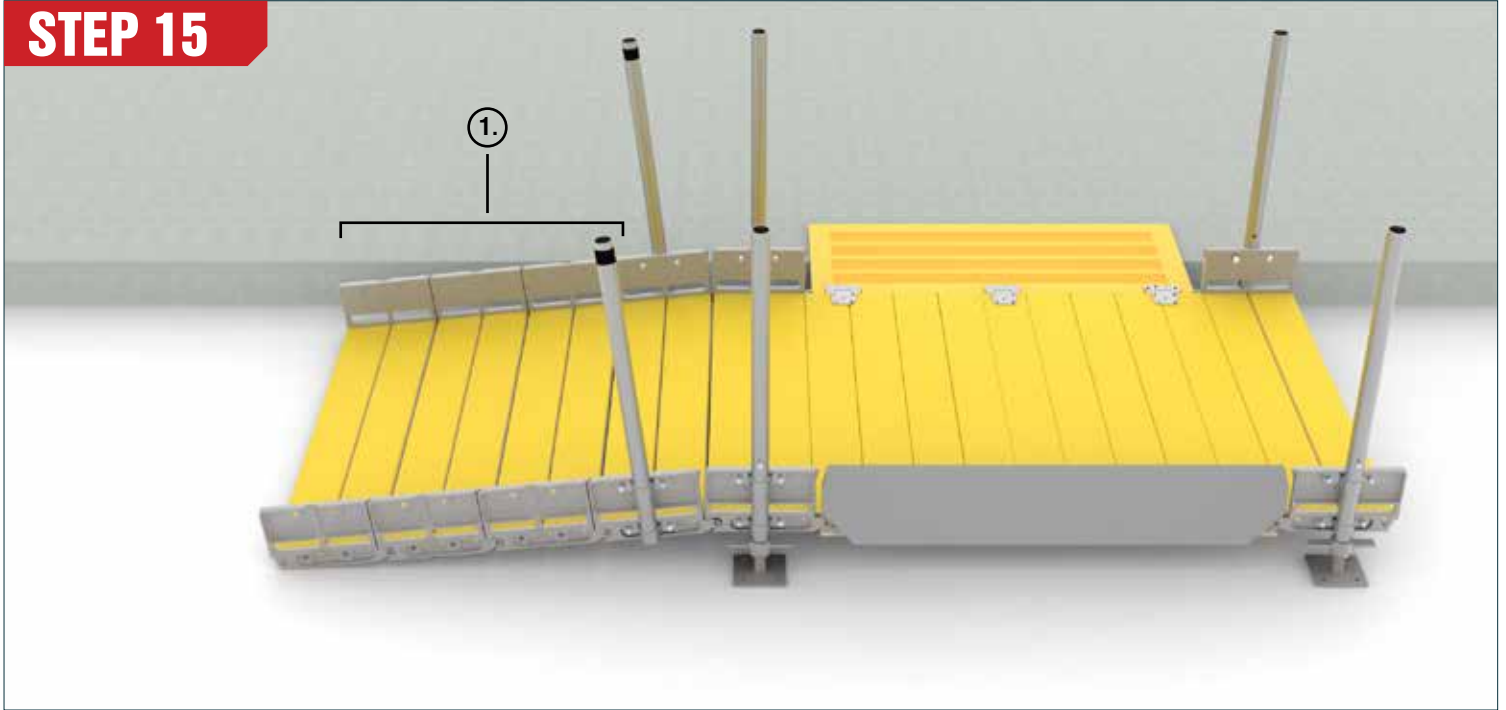
## STEP 14



Rotate the first **attachment-ready section with handrail uprights** (6) (black band) upward to lock it into place. Make sure that the fin on the upper front corner of the first section engages with the groove on the back top corner of the previously installed section.

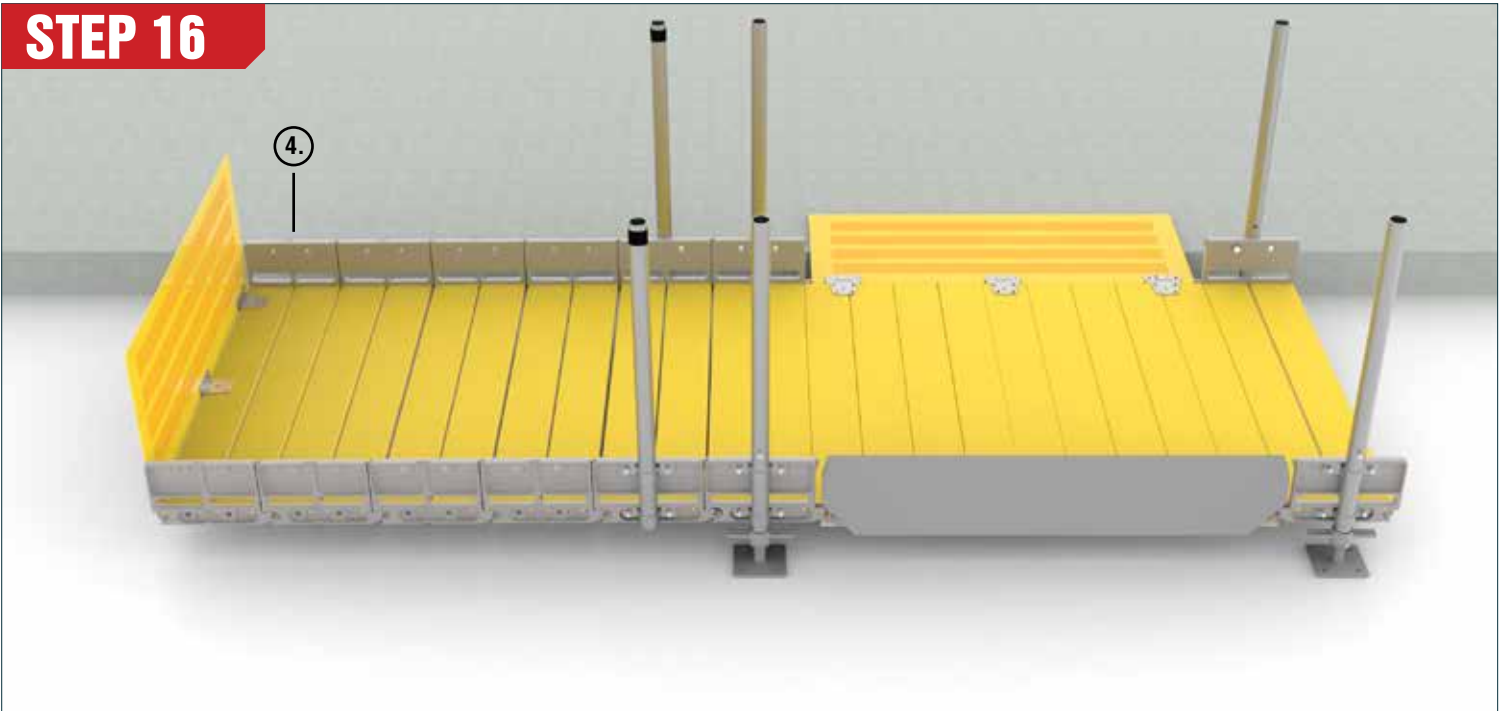
# FIVE SECTION BOARDWALK SYSTEM

## STEP 15



Repeat with the remaining three **standard sections** (1).

## STEP 16

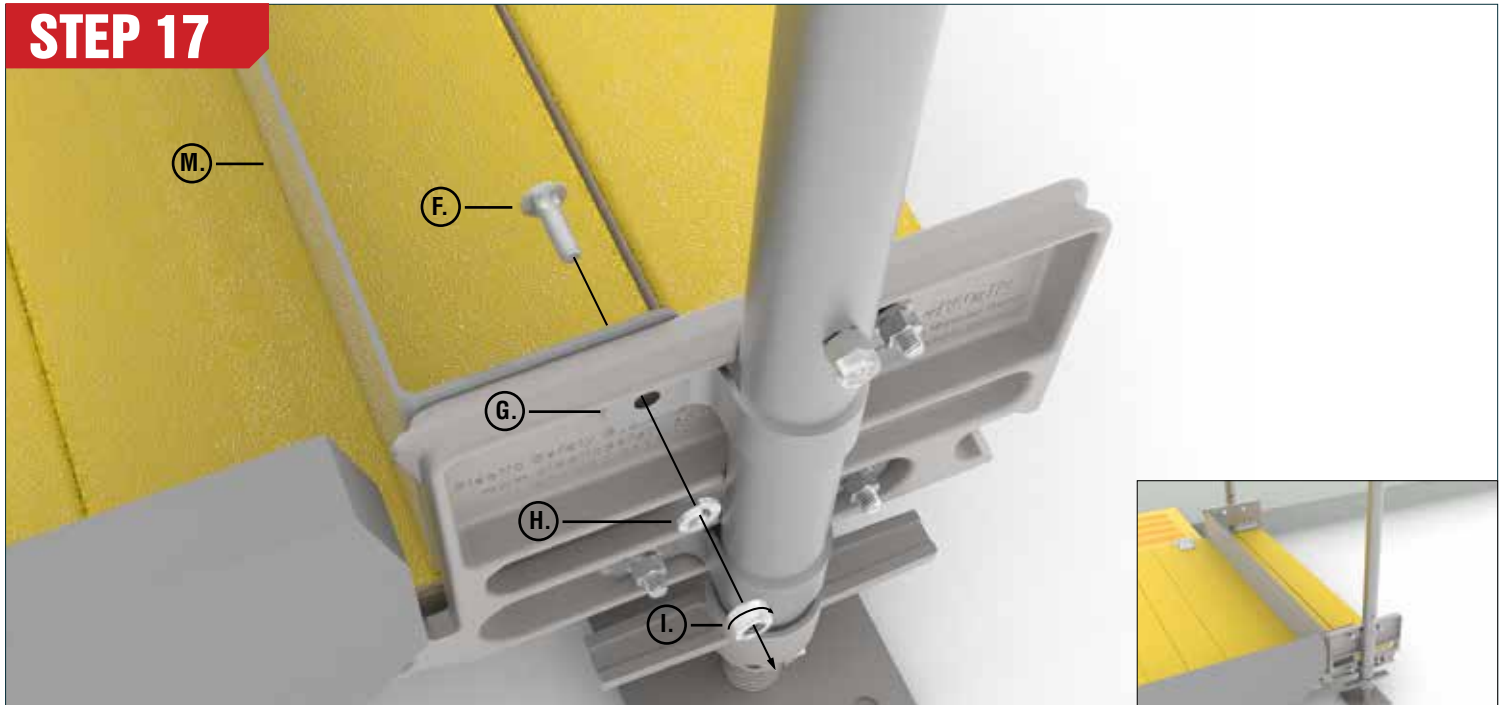


Repeat steps 13 and 14 with the **bottom section with approach plate** (4). Place onto the ground.



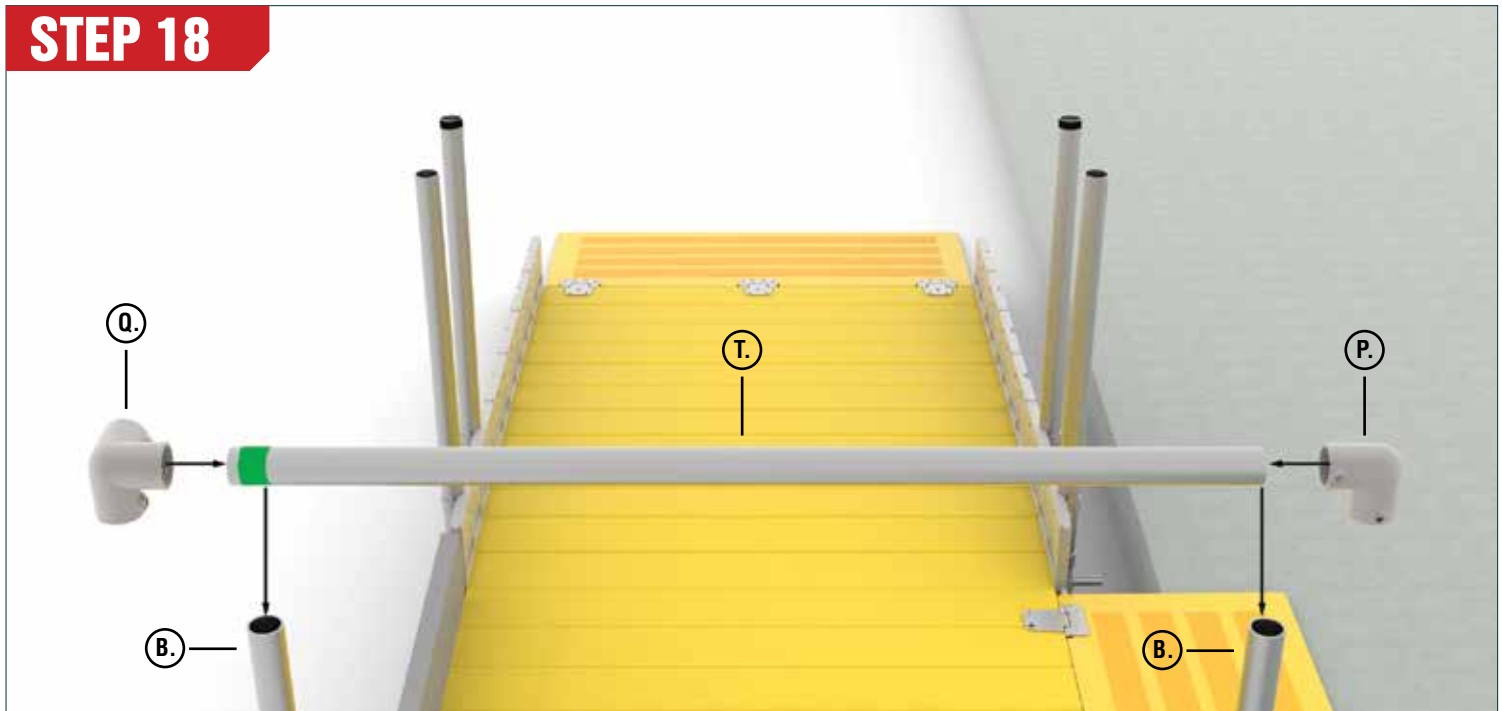
# FIVE SECTION BOARDWALK SYSTEM

## STEP 17



Opposite the attached ramp, attach the **movable gray curb (M)** utilizing the **bolts (F)**, **locking washers (H)** and **nuts (I)** of the **strap clamp (G)**.

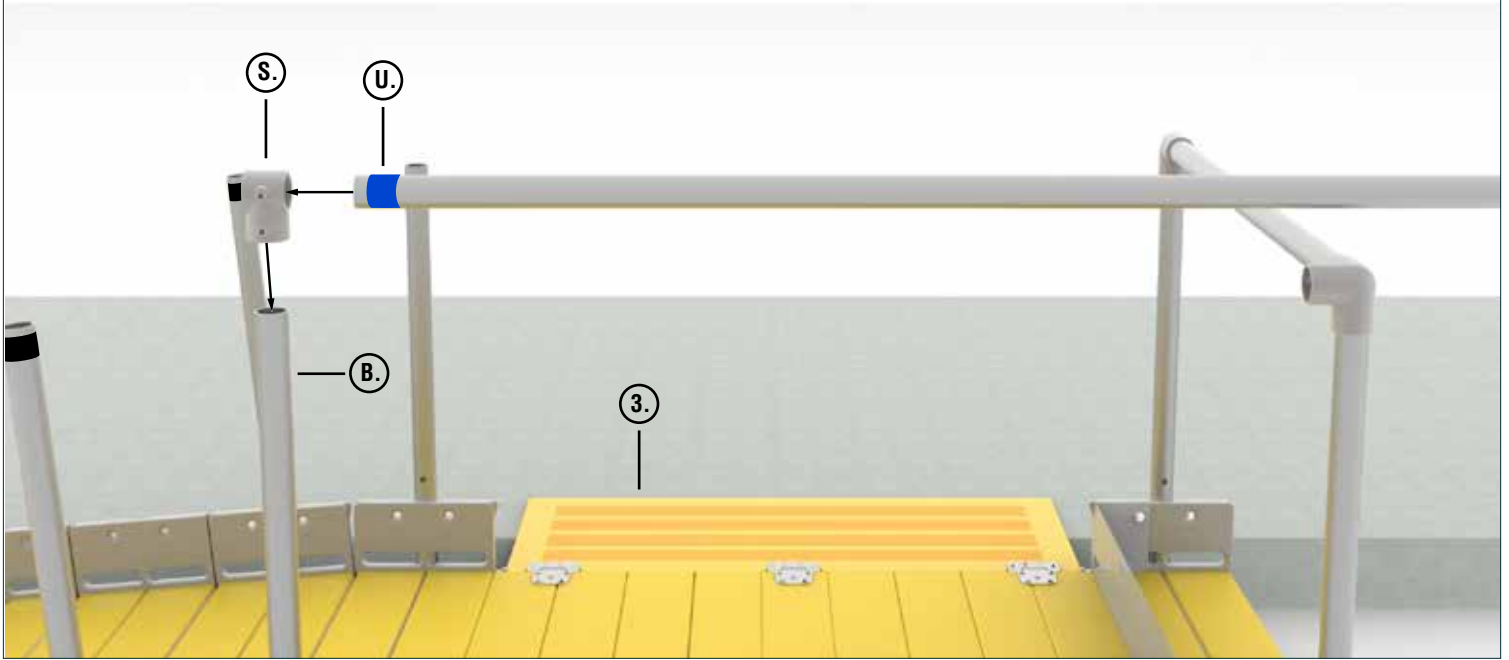
## STEP 18



Put the **90-degree fitting (P)** and the **three-way fitting (Q)** onto opposite ends of the the **51.5" handrail (T)** (green band). Place on top of the **jack tube uprights (B)** above the **gray movable curb (M)**. Note: All set screws should face outward except for the adjustable elbow fitting which should face downward.

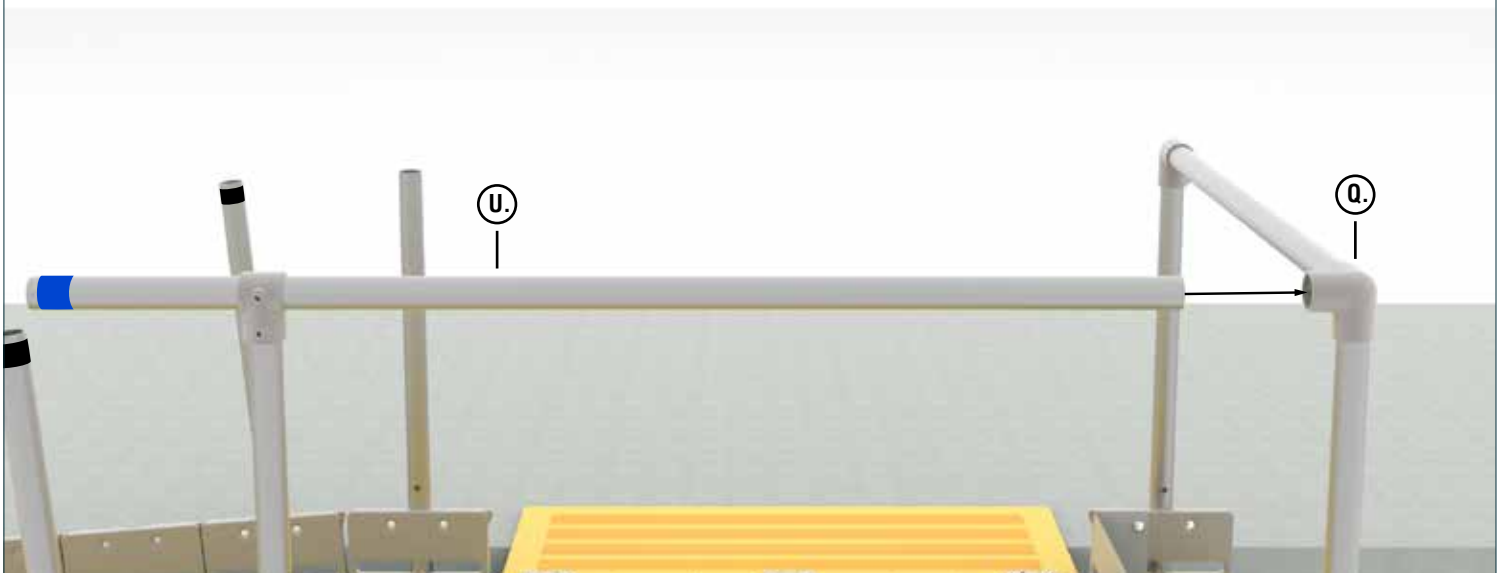
# FIVE SECTION BOARDWALK SYSTEM

## STEP 19



Slide the **t-fitting** (S) onto the **63.75" handrail** (U) (blue band). Place onto the **jack tube upright** (B) opposite the **approach plate** (3).

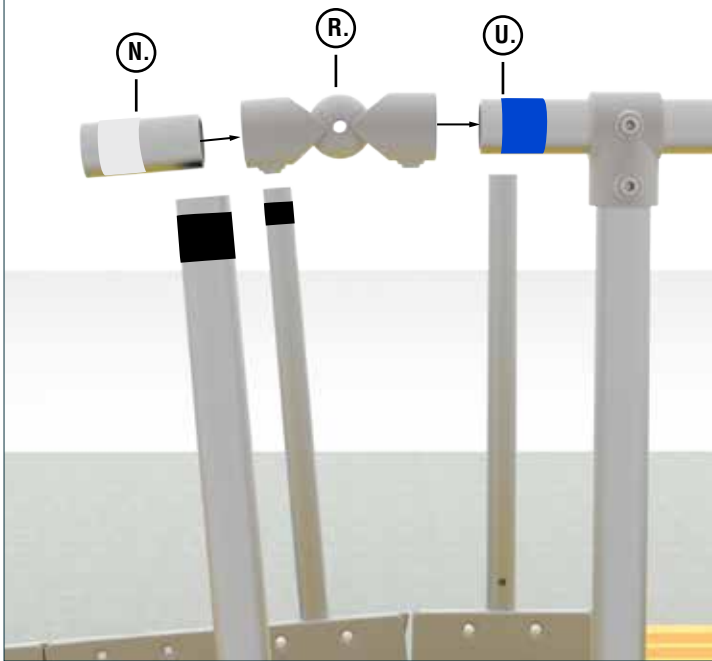
## STEP 20



Slide the **63.75" handrail** (U) (blue band) into the **three-way fitting** (Q).

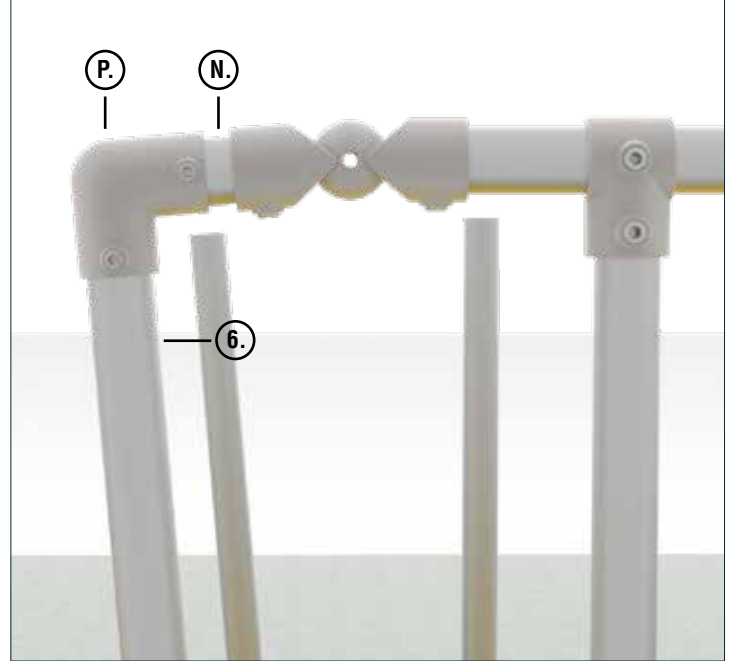
# FIVE SECTION BOARDWALK SYSTEM

## STEP 21



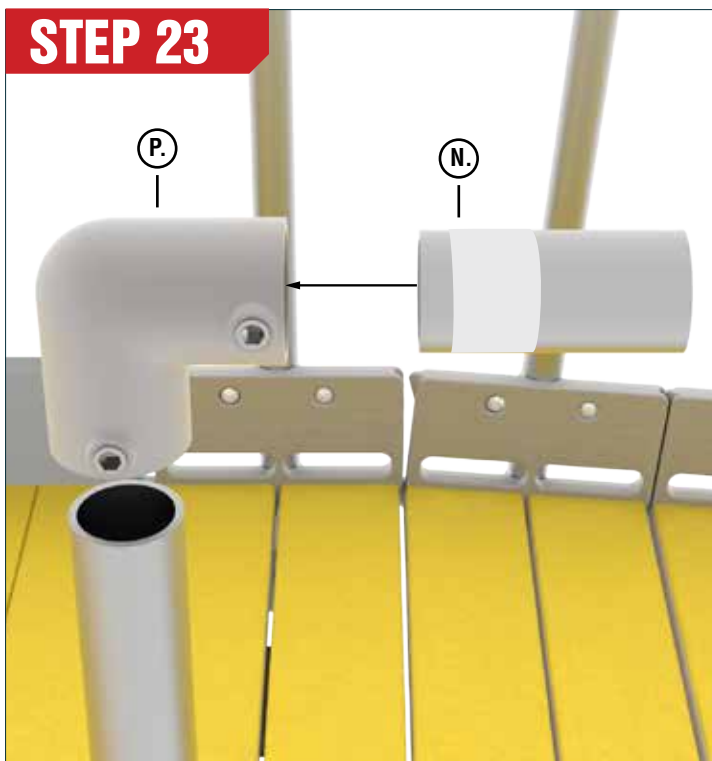
Slide the **adjustable elbow** (R) onto the available end of the **63.75" handrail** (U) (blue band). Insert the **stub pipe** (N) (white band) onto the available end of the adjustable elbow fitting. Be sure that the set screws face downward.

## STEP 22



Insert the **90-degree fitting** (R) onto the **stub pipe** (N) (white band). Then insert the available opening on the **90-degree fitting** (P) onto the **handrail upright on the first section** (6) (black band) of the RAMP.

## STEP 23



Now working on the frontside handrail, insert a **stub pipe** (N) (white band) into a **90-degree fitting** (P).

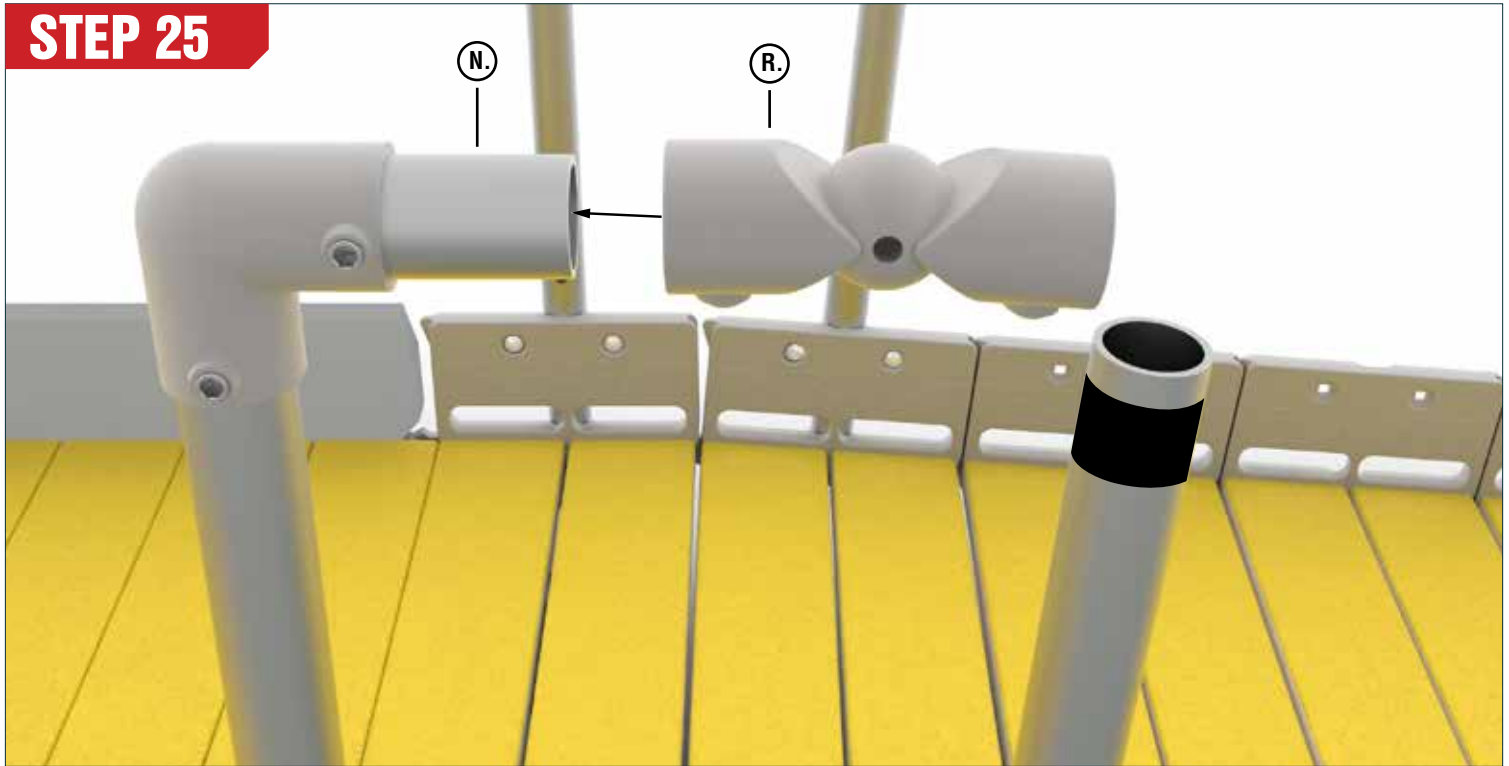
## STEP 24



Insert the available opening on the **90-degree fitting** (P) onto the **jack tube upright** (B) on the front side of the **platform** (A).

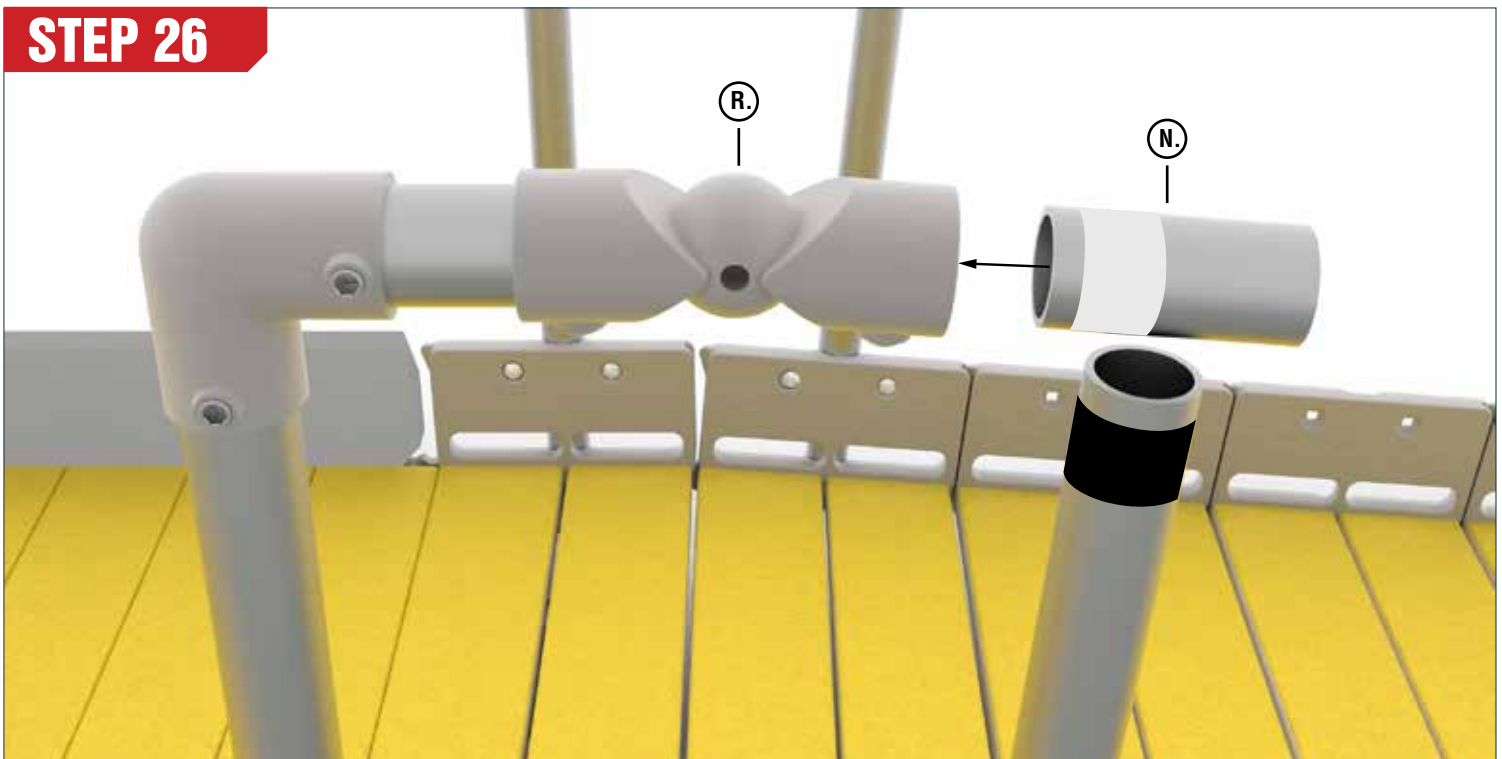
# FIVE SECTION BOARDWALK SYSTEM

## STEP 25



Slide the **adjustable elbow fitting** (R) onto the available end of the **stub pipe** (N) (white band).

## STEP 26

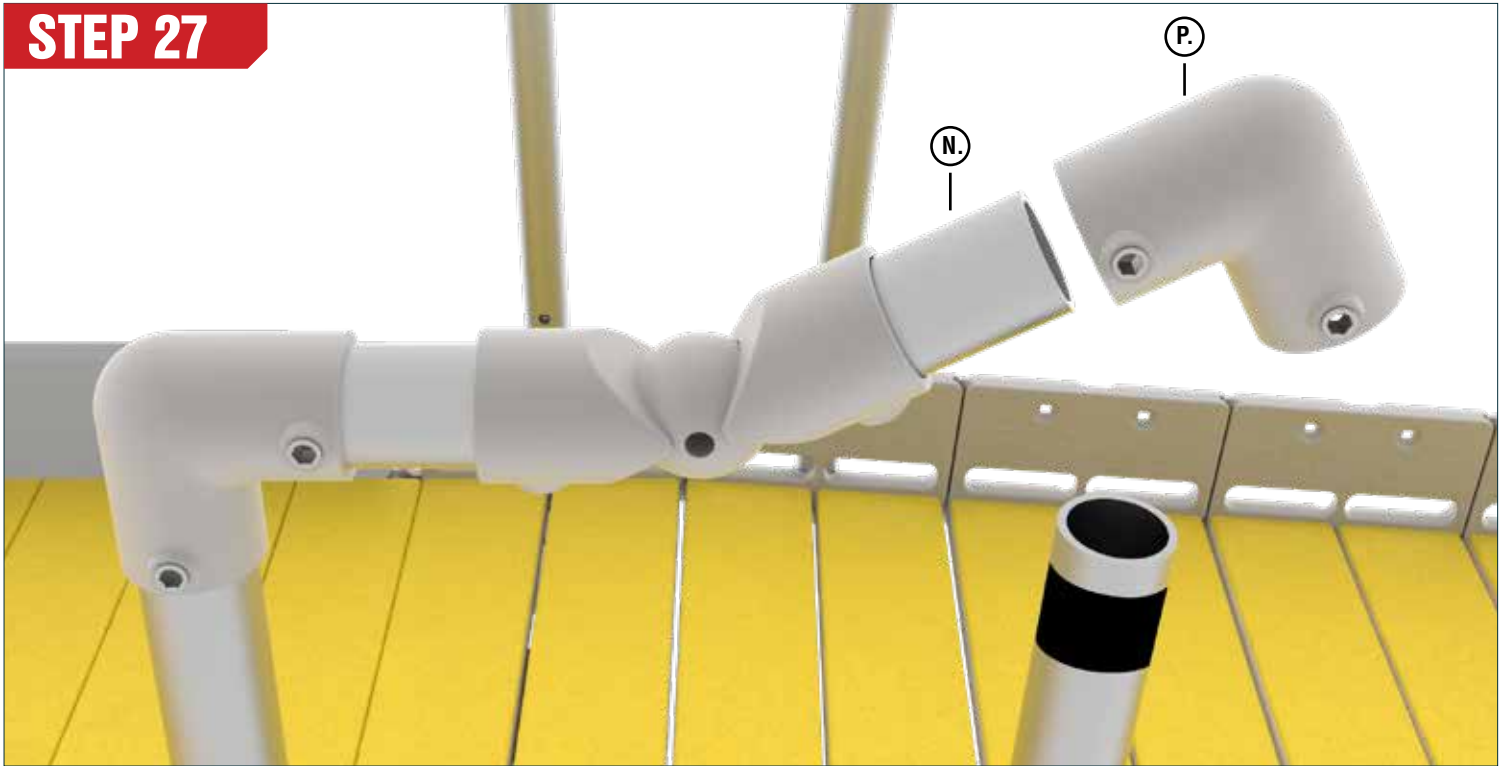


Insert a **stub pipe** (N) (white band) in the available opening on the **adjustable elbow fitting** (R).



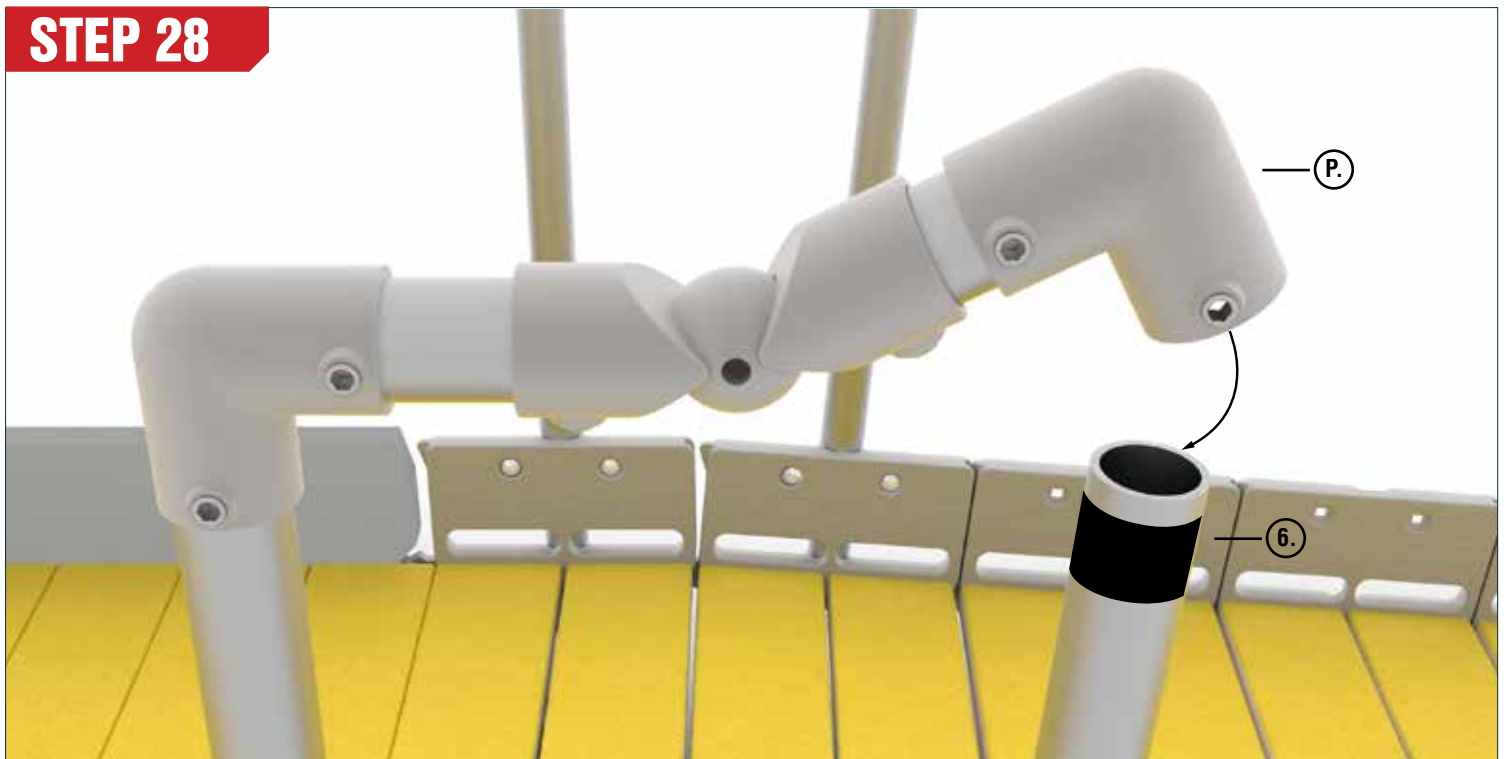
# FIVE SECTION BOARDWALK SYSTEM

## STEP 27



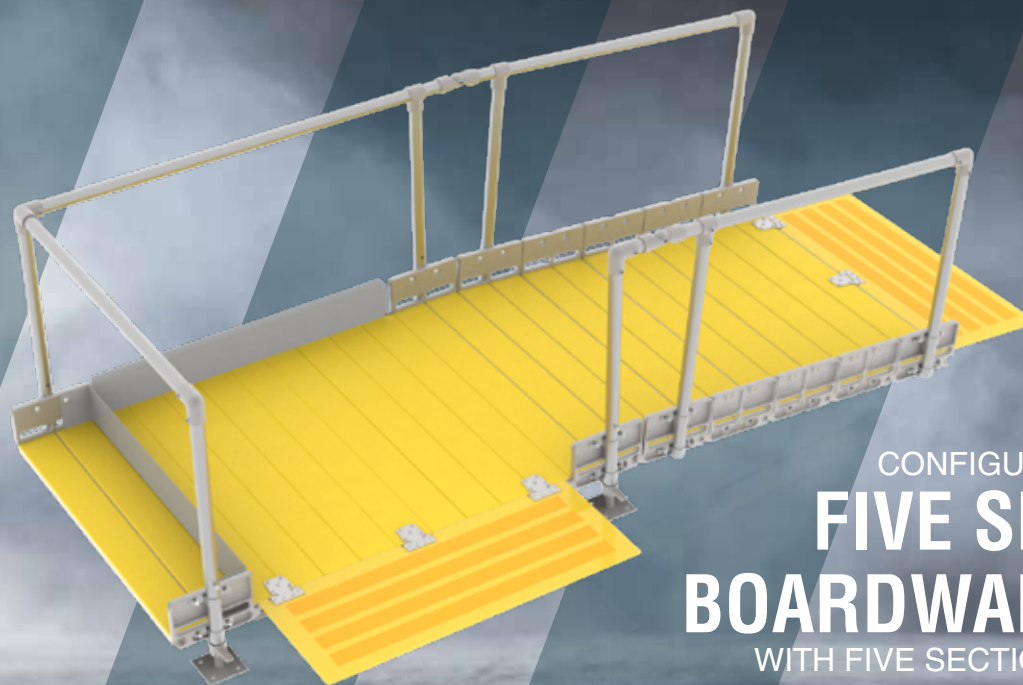
Insert the **90-degree fitting** (P) onto the **stub pipe** (N) (white band).

## STEP 28



Insert the available opening on the **90-degree fitting** (P) onto the **handrail upright** (6) (black band) on the first section of the RAMP. Tighten all set screws on all fittings.

# FIVE SECTION BOARDWALK SYSTEM



## BOARDWALK HANDRAIL LENGTH KEY

35.187"	Black	
63.5"	Blue	
51.5"	Green	
50.5"	Yellow	
5"	White	

## CONFIGURATION #5 FIVE SECTION BOARDWALK SYSTEM WITH FIVE SECTIONS OF HANRAILS

### PARTS NEEDED FOR FIVE SECTION BOARDWALK SYSTEM



**Assembly #1**  
Standard BoardWalk  
Sections  
Quantity - 3



**Assembly #6**  
Bottom Section with Approach  
Plate with Handrail Uprights  
Quantity - 1



**Assembly #3**  
Approach Plate  
Assembly  
Quantity - 1



**Assembly #6**  
Attachment-Ready  
Section with Handrail Uprights  
Quantity - 1



**Part A.**  
BoardWalk Platform  
Quantity - 1



**Part B.**  
Jack Tube Upright  
for Handrails  
Quantity - 2



**Part E.**  
Collar Clamp  
Quantity - 4



**Part F.\***  
Square-Necked  
Carriage Bolt  
Quantity - 16



**Part G.\***  
Strap Clamp  
Quantity - 8



**Part H.\***  
Nut (Strap Clamps)  
Quantity - 16



**Part C.**  
Jack Screw  
Quantity - 4



**Part D.**  
Jack Screws  
Quantity - 4



**Part I.\***  
Locking Washer  
(Strap Clamps)  
Quantity - 16

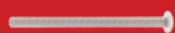
#### Jack Screw Assembly



**Part J.**  
Washer  
(Approach Plate)  
Quantity - 16



**Part K.**  
Nut  
(Approach Plate)  
Quantity - 16



**Part L.**  
Bolt  
(Approach Plate)  
Quantity - 16



**Part M.**  
Movable Gray Curb  
Quantity - 1



**Part N.**  
5" Stub Pipe  
Quantity - 4



**Part O.**  
Hex Bolt  
Quantity - 4



**Part P.**  
90 Degree  
Fitting  
Quantity - 4



**Part Q.**  
90 Degree  
Threeway Fitting  
Quantity - 1



**Part R.**  
Adjustable Elbow  
Fitting  
Quantity - 4



**Part S.**  
T-Fitting  
Quantity - 1



**Part T.**  
51.5" Handrail Pipe  
Quantity - 1



**Part U.**  
63.75" Handrail Pipe  
Quantity - 1

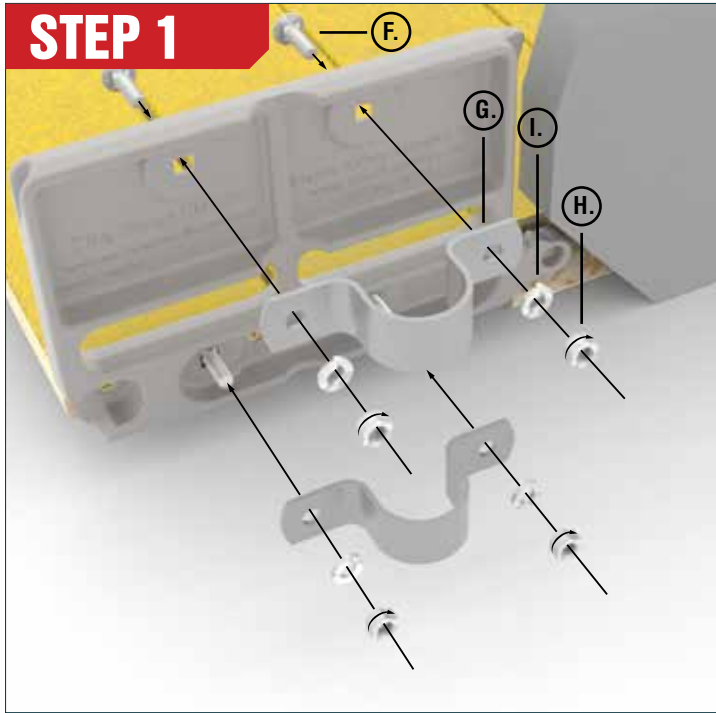


**Part V.**  
50.5" Handrail Pipe  
Quantity - 1

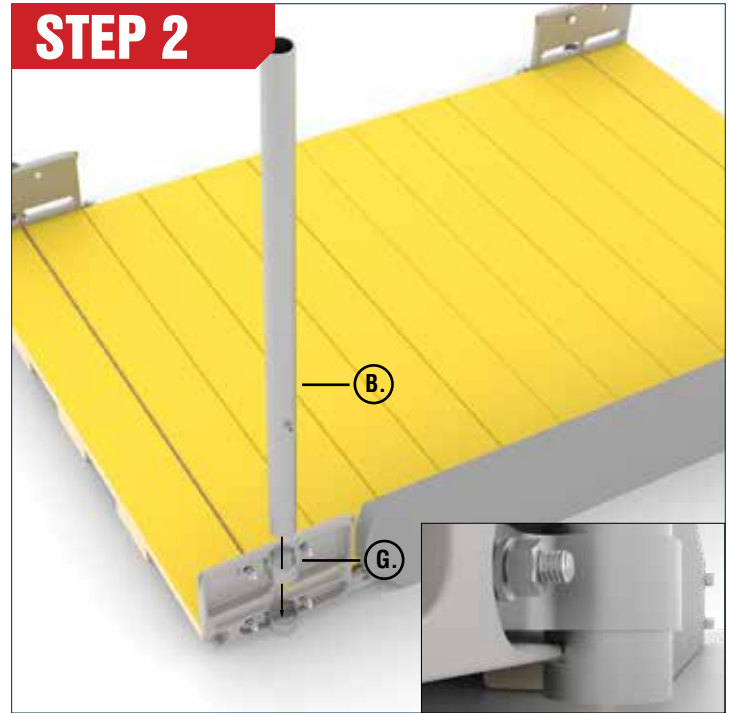
\*Pre-assembled on Platform

**TOOLS REQUIRED - #3 PHILIPS SCREW DRIVER, 3/16" HEX KEY, 3/8" SOCKET, 1/2" WRENCH, LEVEL, 7/16" WRENCH, 5/16" HEX KEY, IMPACT DRIVER/DRILL, T27 DRIVER BIT (PROVIDED)**

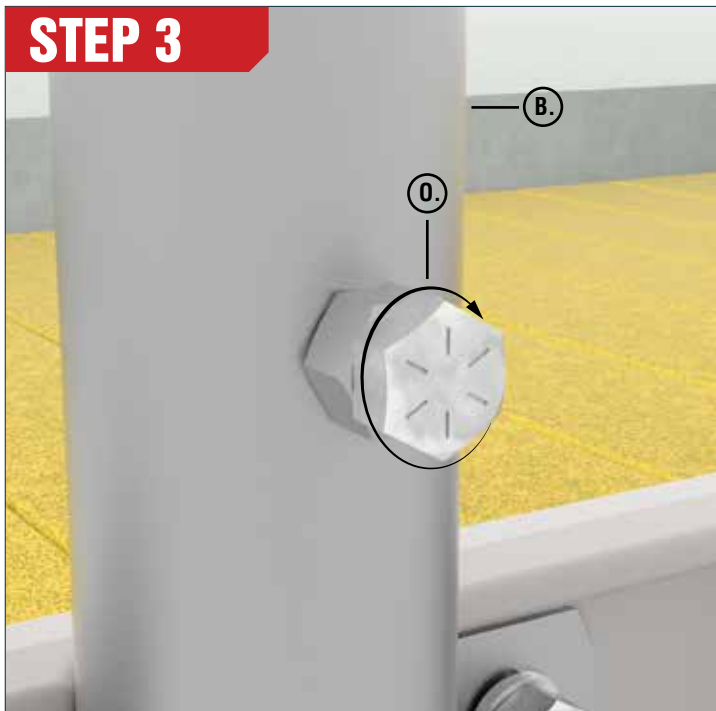
# FIVE SECTION BOARDWALK SYSTEM



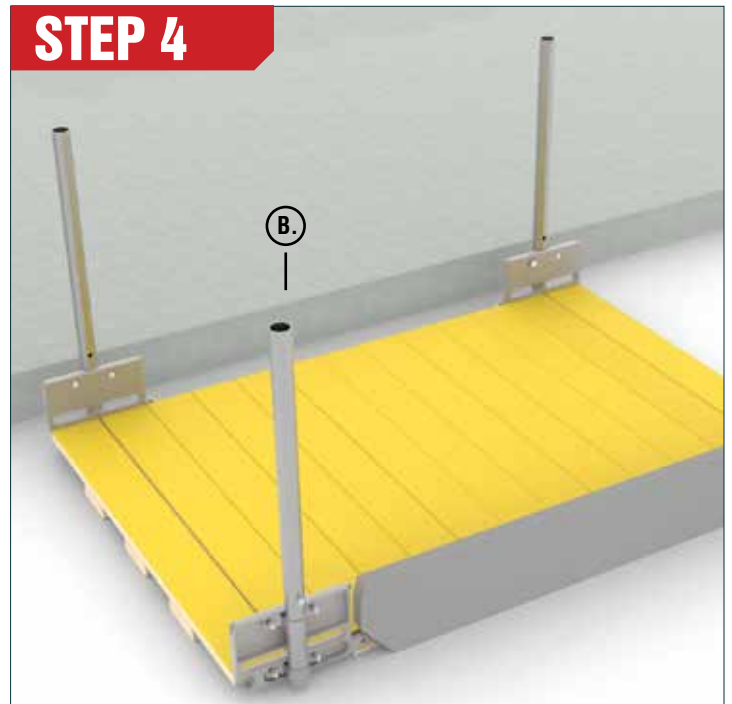
Loosely attach the **strap clamps** (G) using the **carriage bolts** (F), **lock washers** (I) and **nuts** (H). Making sure that the square neck of the bolt matches with the square hole in the castings.



Insert the **jack tube for handrail** (B) into the **strap clamps** (G). Make sure the slot in the end of the jack tube for handrail straddles the lower flange on the bottom of the casting. Tighten the nut onto the carriage bolt. Repeat for three other corners.



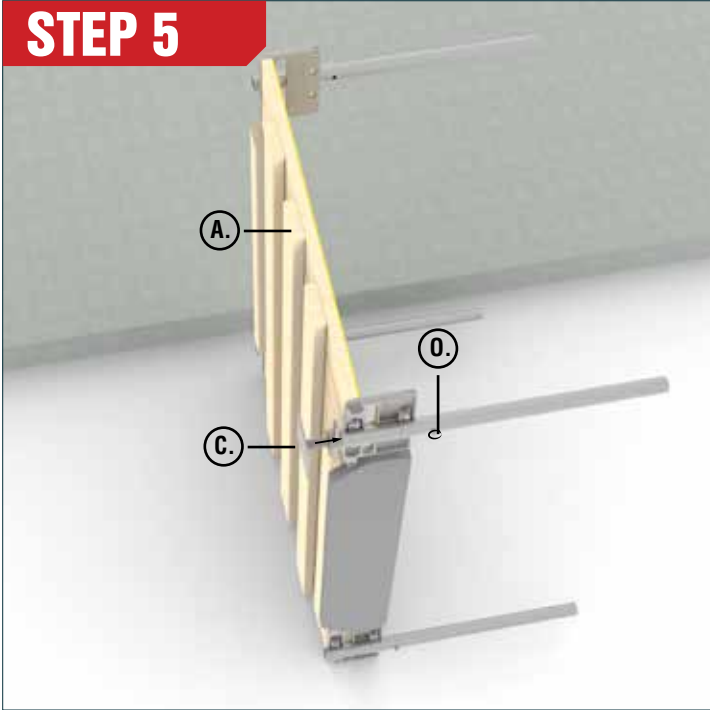
Loosely insert the **hex bolt (3/8 -16 x 1")** (O) into the welded nut on the **jack tube for handrail** (B).



Repeat steps one through three for the other three **jack tube for handrail** (B).

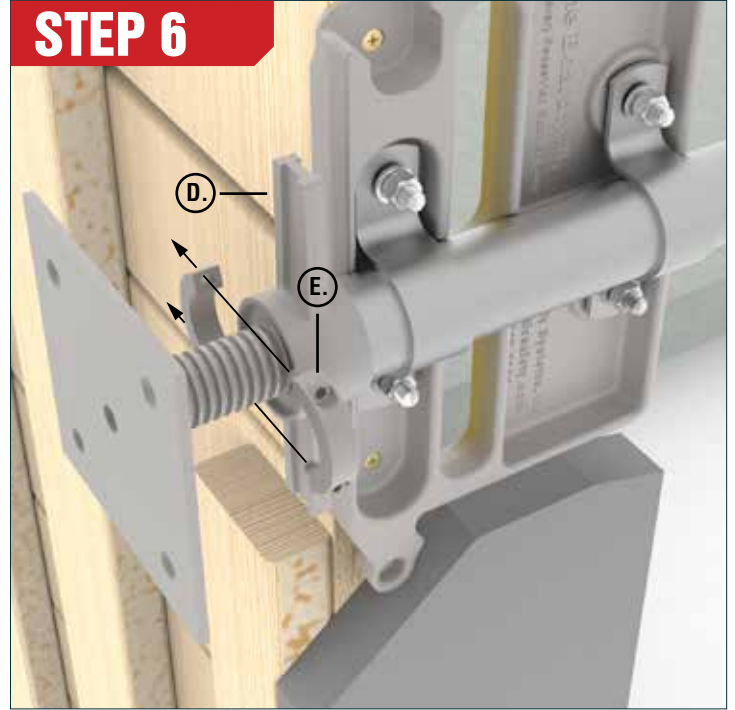
# FIVE SECTION BOARDWALK SYSTEM

## STEP 5



Turn **platform** (A) on its side. Insert a **jack screw assembly** (A) (pre-assembled) into **jack tubes for handrail** (A) on the platform. Snug the **hex bolts** (A). Note: It will be easier to insert the jack screw into the jack tubes for handrail if you rotate the platform on the non approach plate side.

## STEP 6



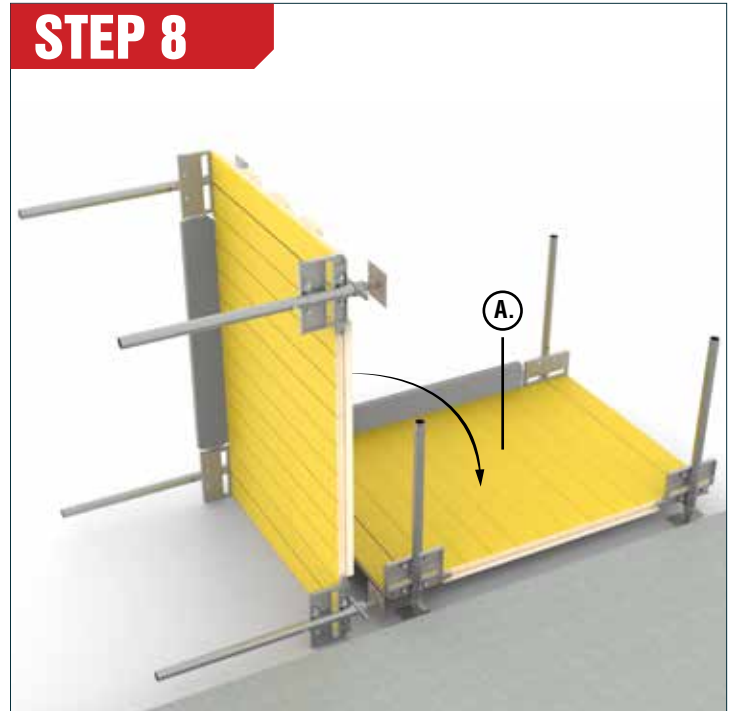
Place one **clamp collar** (A) below the **jack screw wing nut** (A).

## STEP 7



Repeat step five and six with the other **three jack screws** (A).

## STEP 8

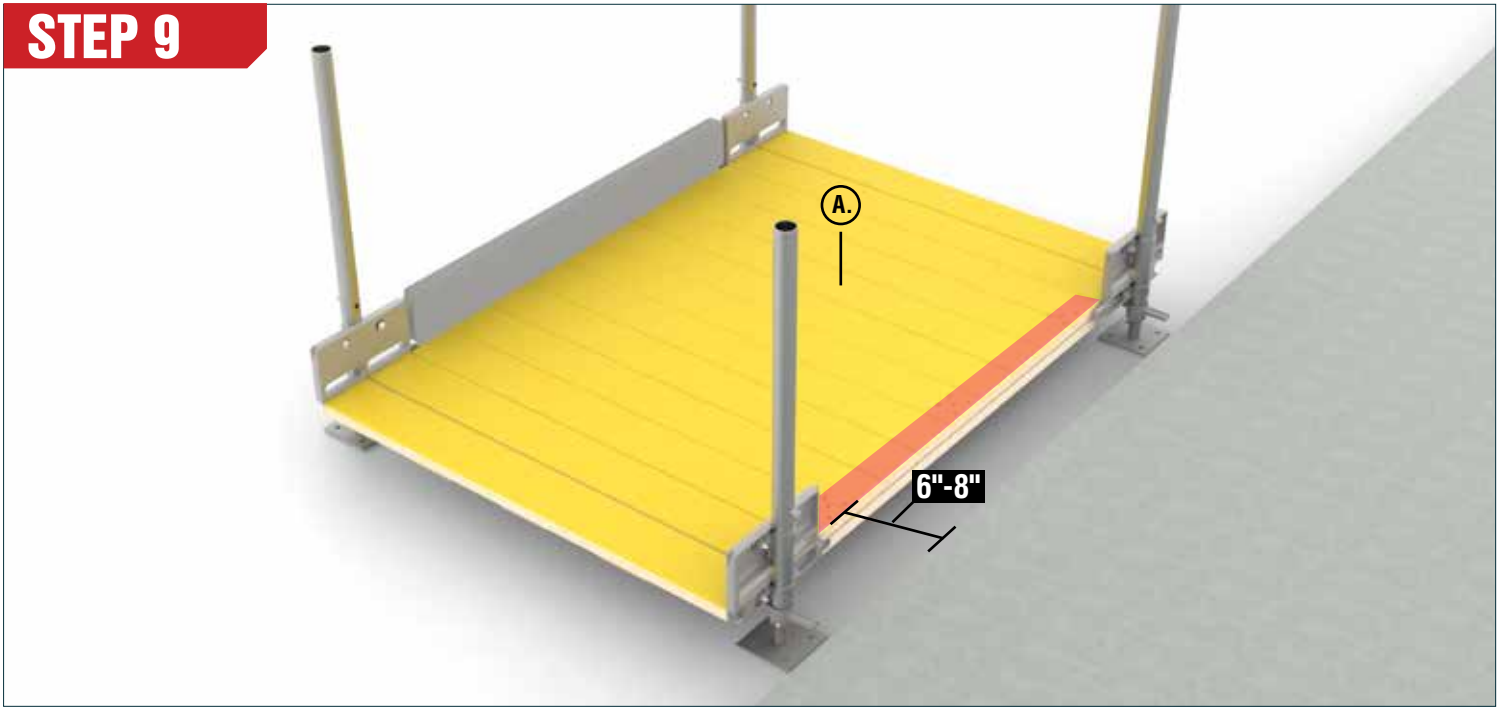


Rotate the **platform** (A) so that the **jack screws** (C) make contact with the ground.



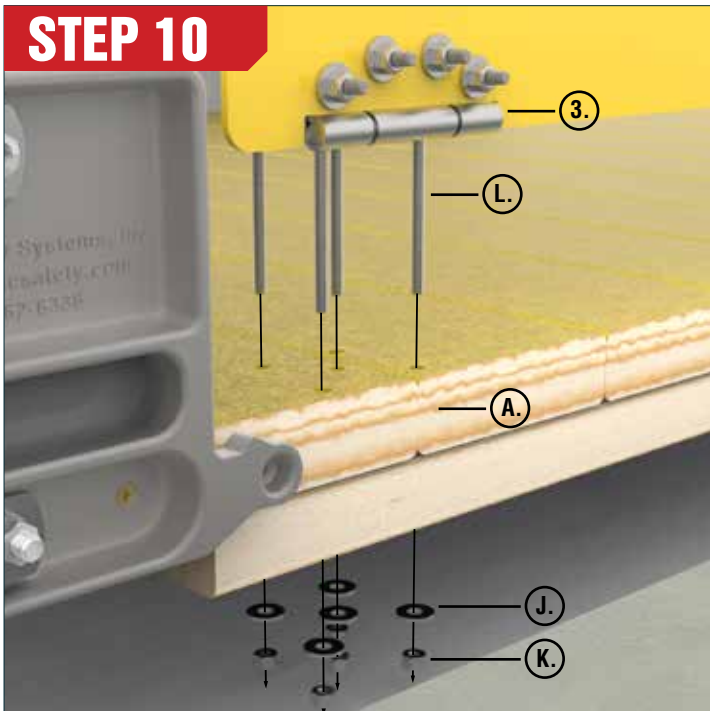
# FIVE SECTION BOARDWALK SYSTEM

## STEP 9



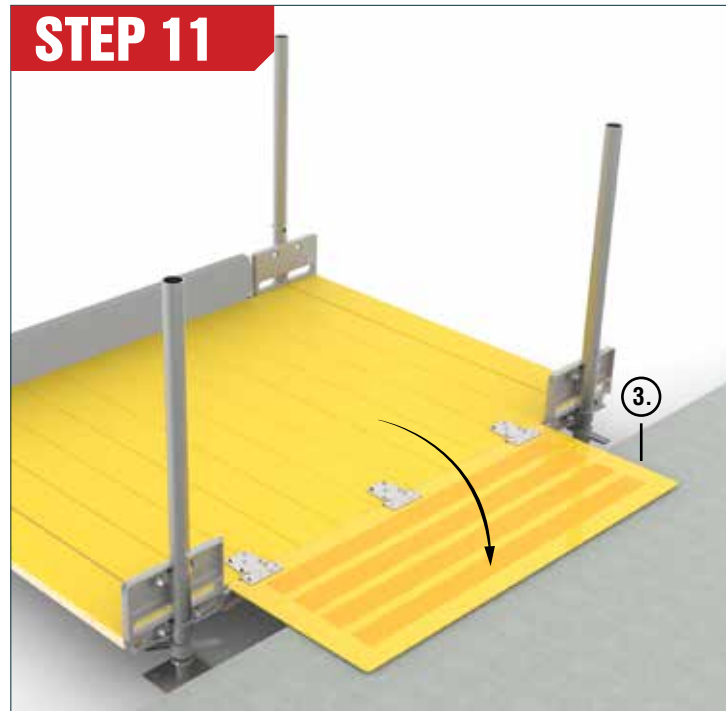
Place the **platform** (A) next to the desired location adjacent to the curb. Aligning the approach plate side of the platform parallel to the curb; approximately 6-8" away from the curb. Adjust the platform so that the approach plate is level (+ 1/2" - 0") with the curb.

## STEP 10



Attach the **approach plate** (3) using the supplied **nuts** (K), **washers** (J) and **bolts** (L) into the pre-drilled holes in the **platform** (A).

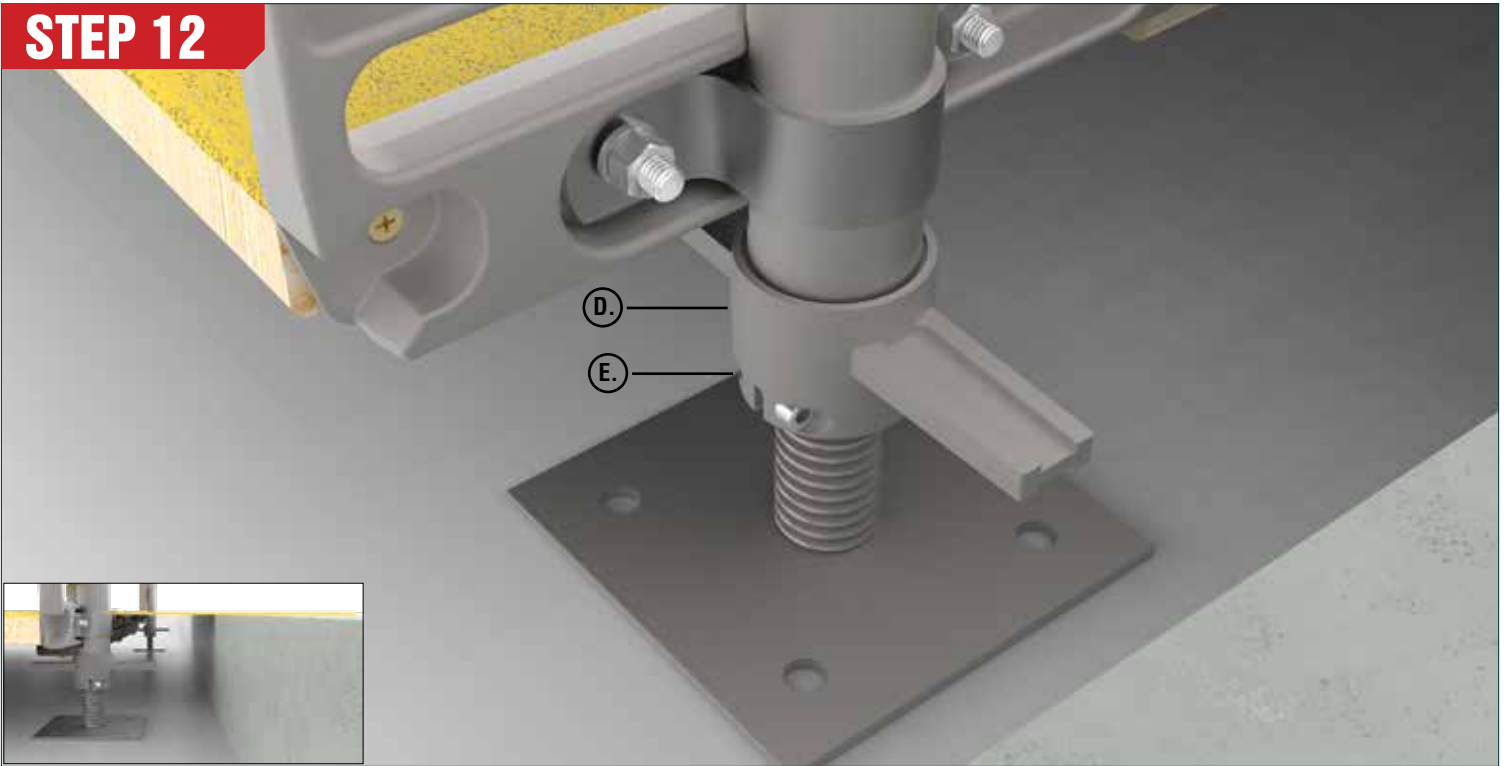
## STEP 11



Lower the **approach plate** (3) to the curb.

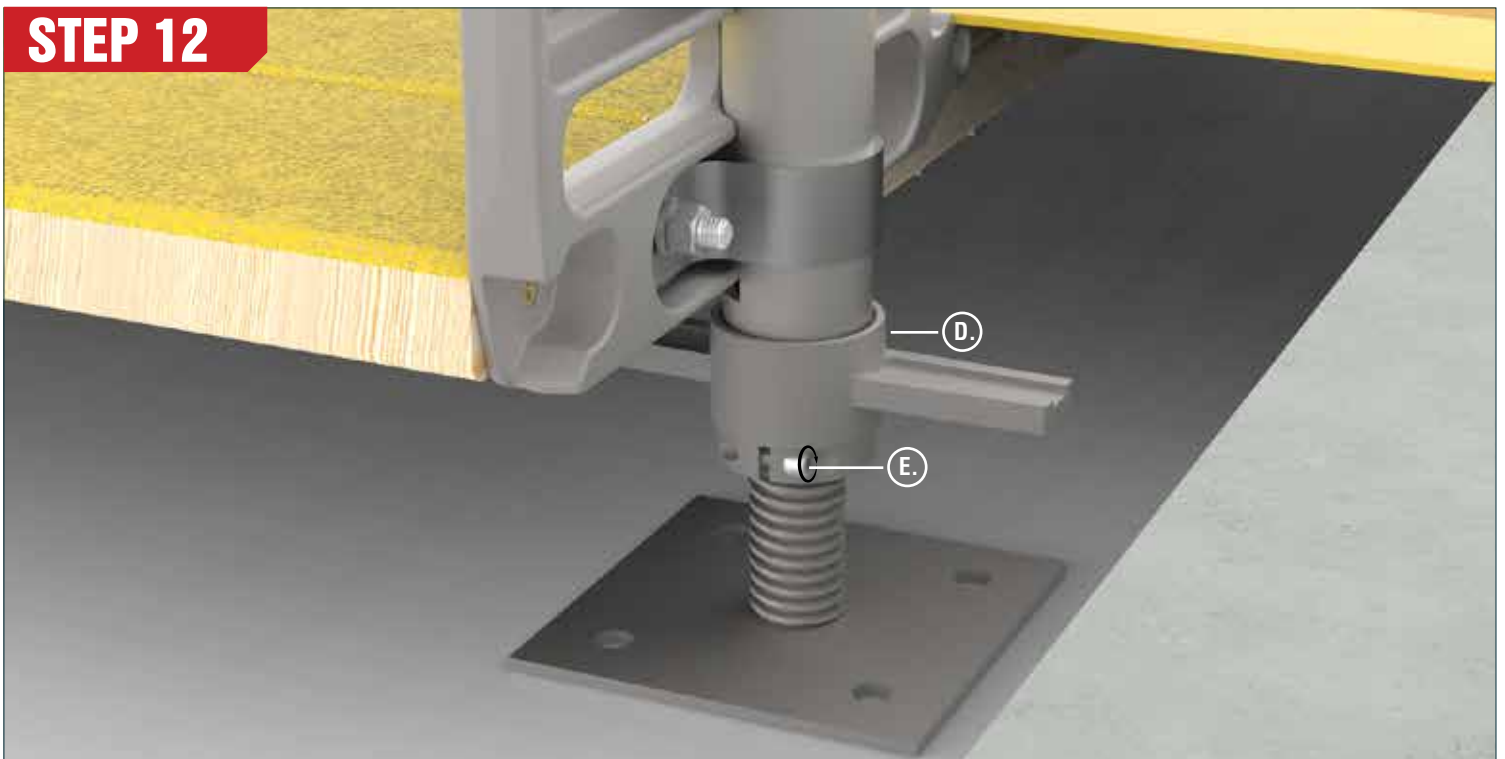
# FIVE SECTION BOARDWALK SYSTEM

## STEP 12



Adjust the height of the **platform** (A) and level it using the **jack screw wing nut** (D). Note: May have to loosen the **clamp collars** (E) and the **hex bolts** (O). Adjust the platform so that the **approach plate** (3) is level (+ 1/2"-0") with the curb.

## STEP 12



Resnug the **clamp collars** (E) on the bottom of each **wing nut** (D). Resnug the **hex bolts** (O).

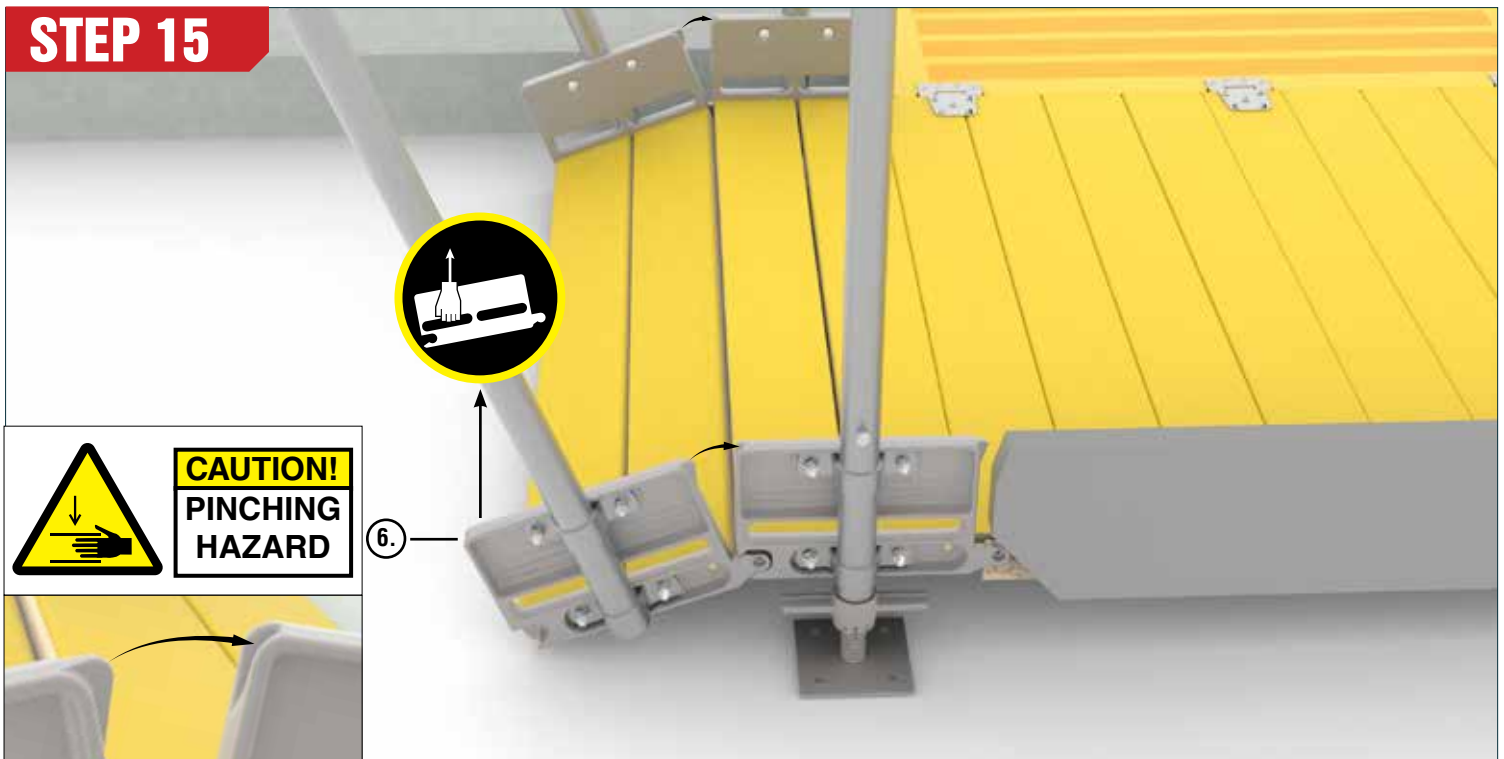
# FIVE SECTION BOARDWALK SYSTEM

## STEP 14



Insert the first **attachment-ready section with handrail uprights** (6) (black band) into the castings on the **platform** (A) on the desired side.

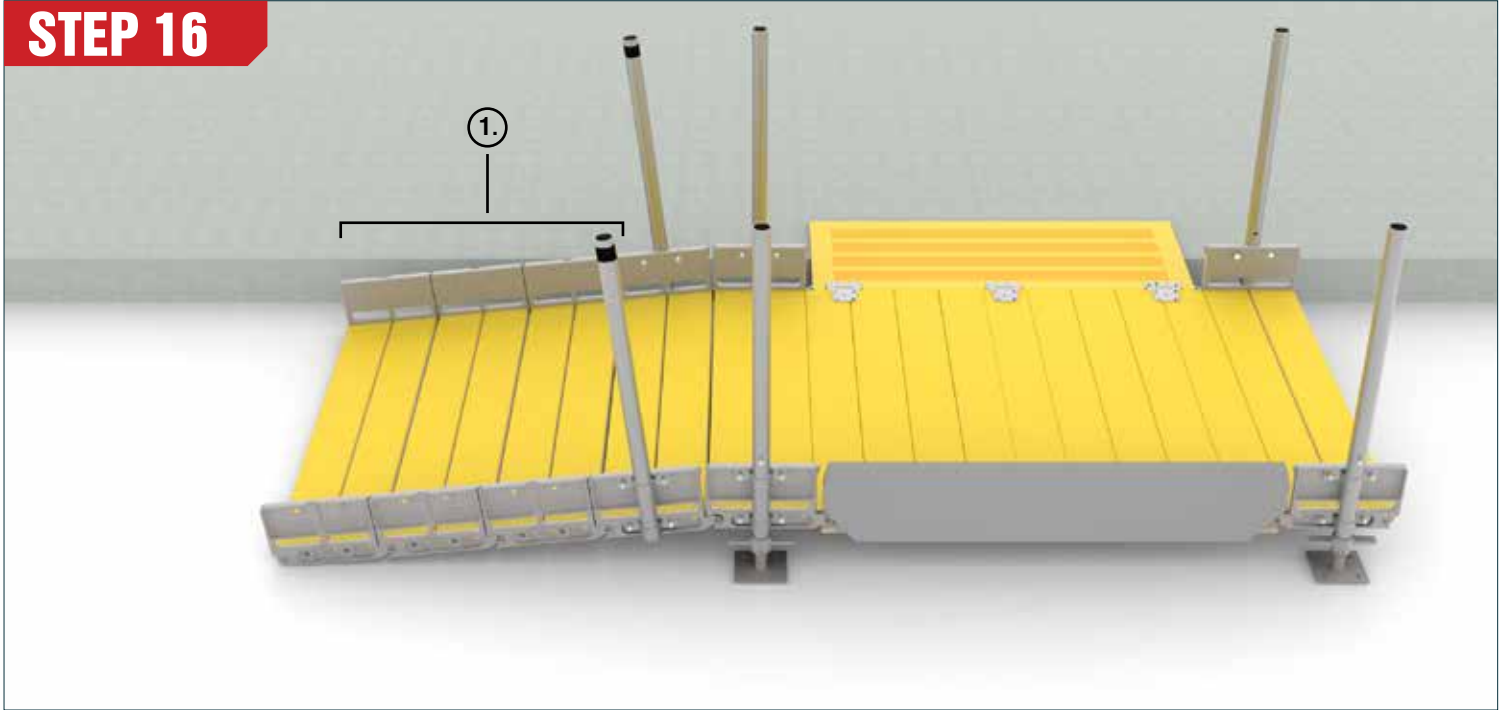
## STEP 15



Rotate the first **attachment-ready section with handrail uprights** (6) (black band) upward to lock it into place. Make sure that the fin on the upper front corner of the first section engages with the groove on the back top corner of the previously installed section.

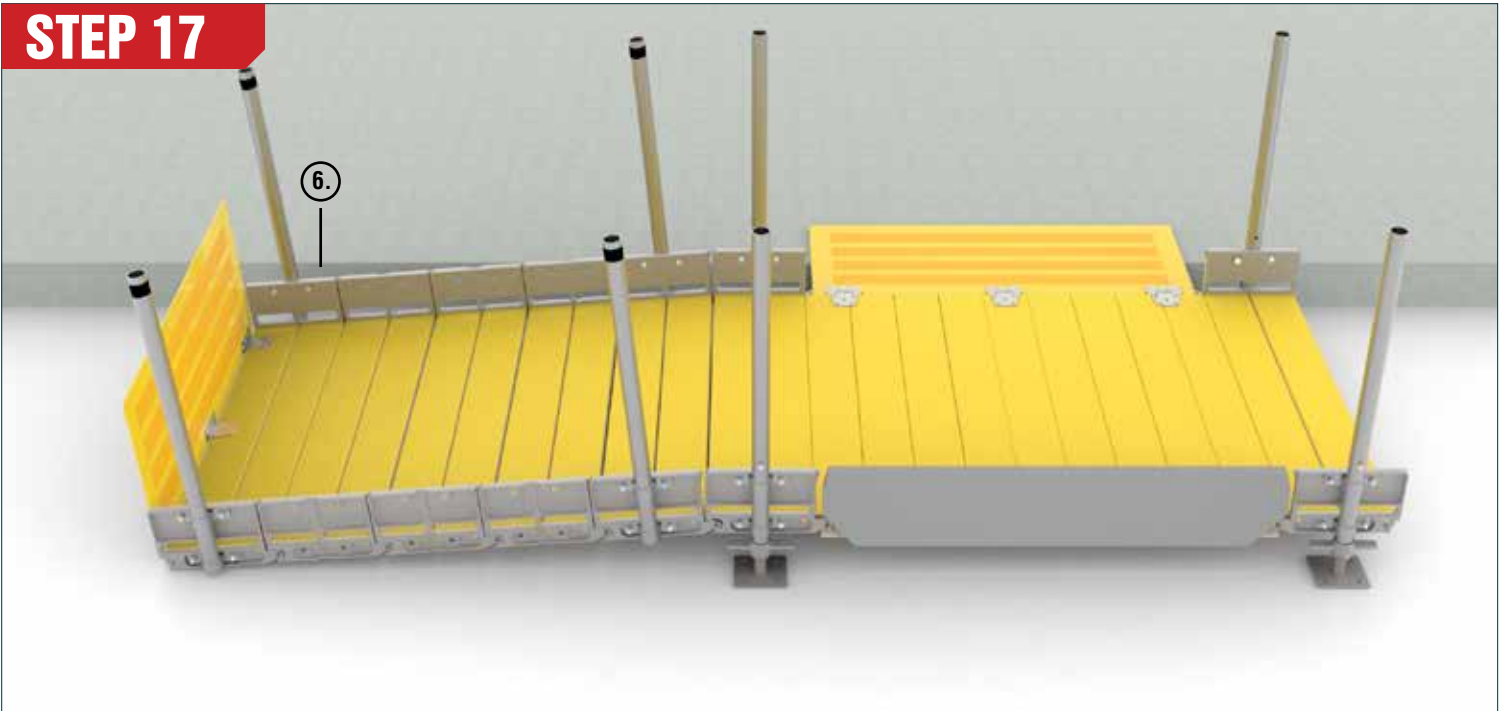
# FIVE SECTION BOARDWALK SYSTEM

## STEP 16



Repeat with the remaining three **standard sections** (1).

## STEP 17

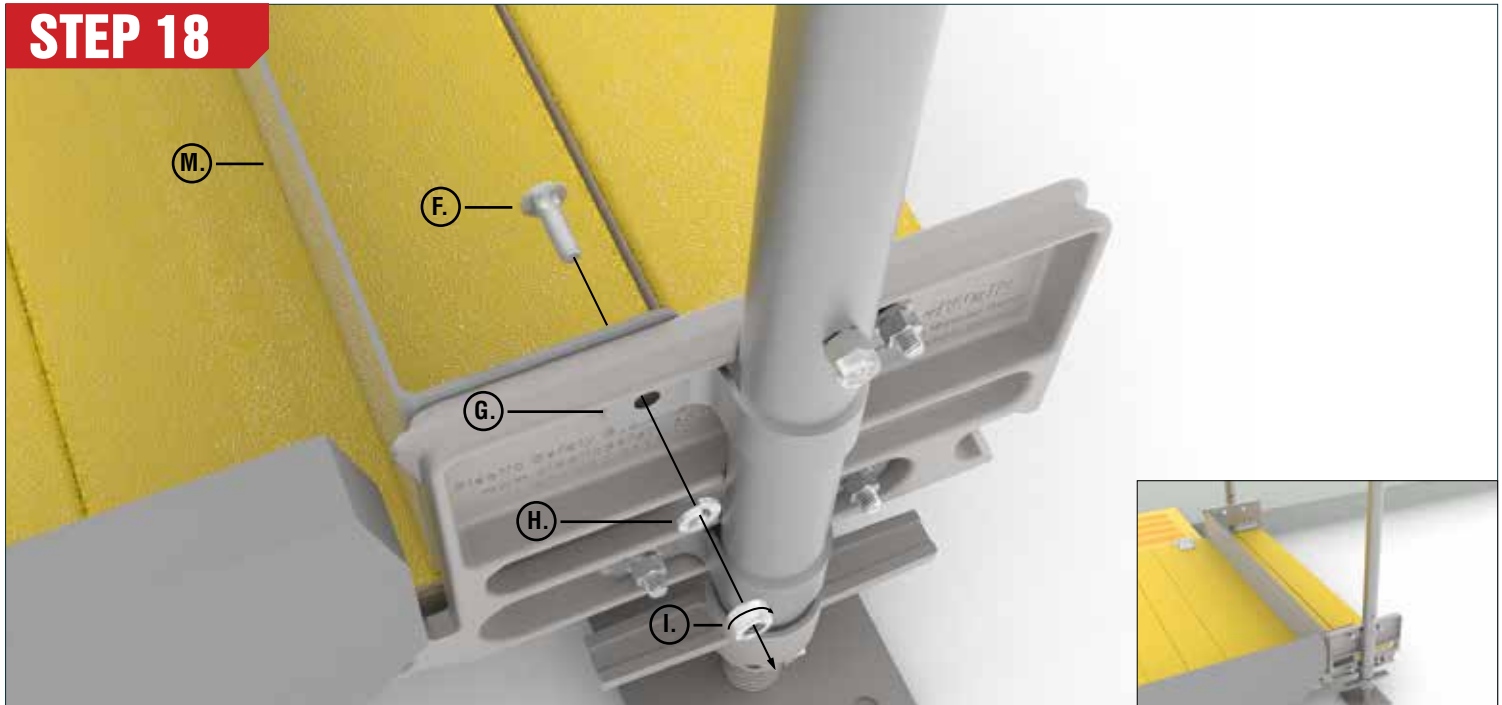


Repeat steps 13 and 14 with the **bottom section with handrail upris and approach plate** (6) (black band). Place onto the ground.



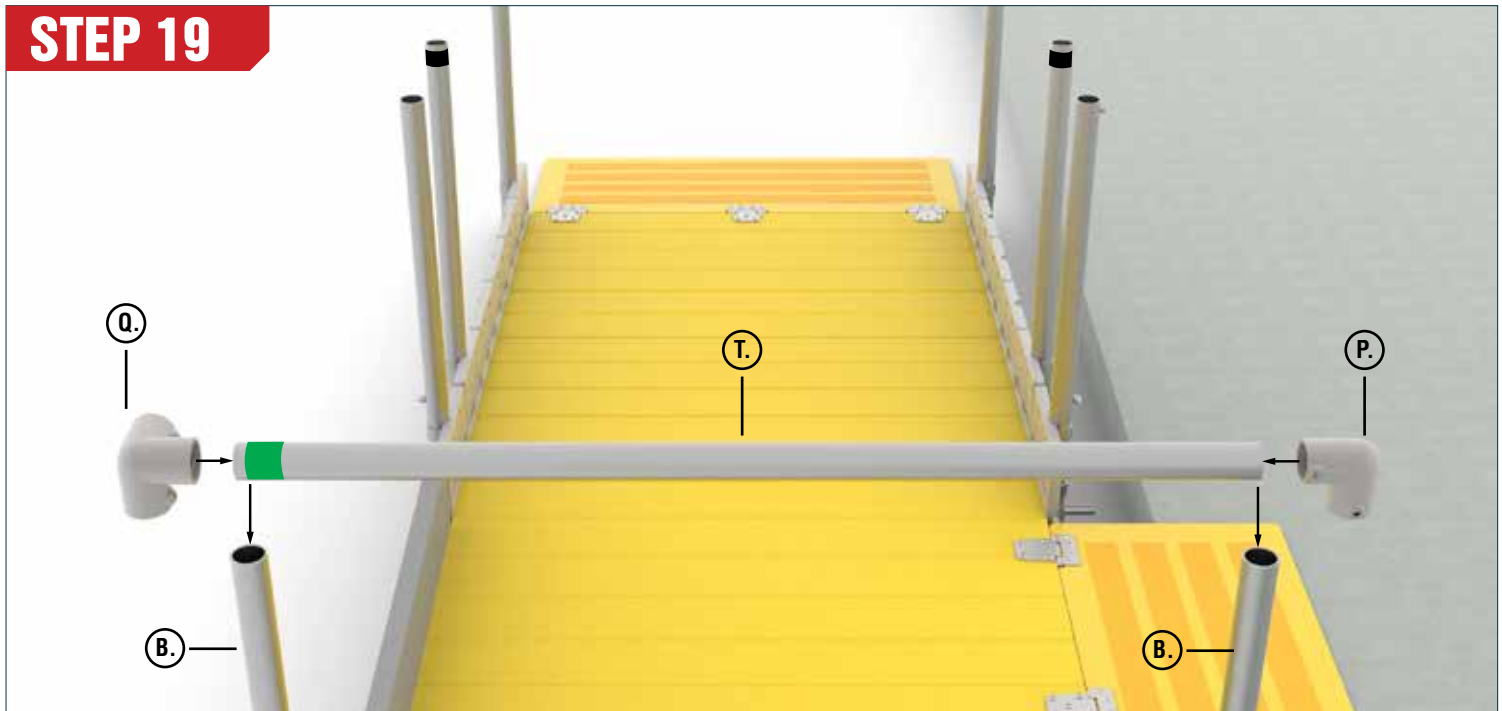
# FIVE SECTION BOARDWALK SYSTEM

## STEP 18



Opposite the attached ramp, attach the **movable gray curb (M)** utilizing the **bolts (F)**, **locking washers (H)** and **nuts (I)** of the **strap clamp (G)**.

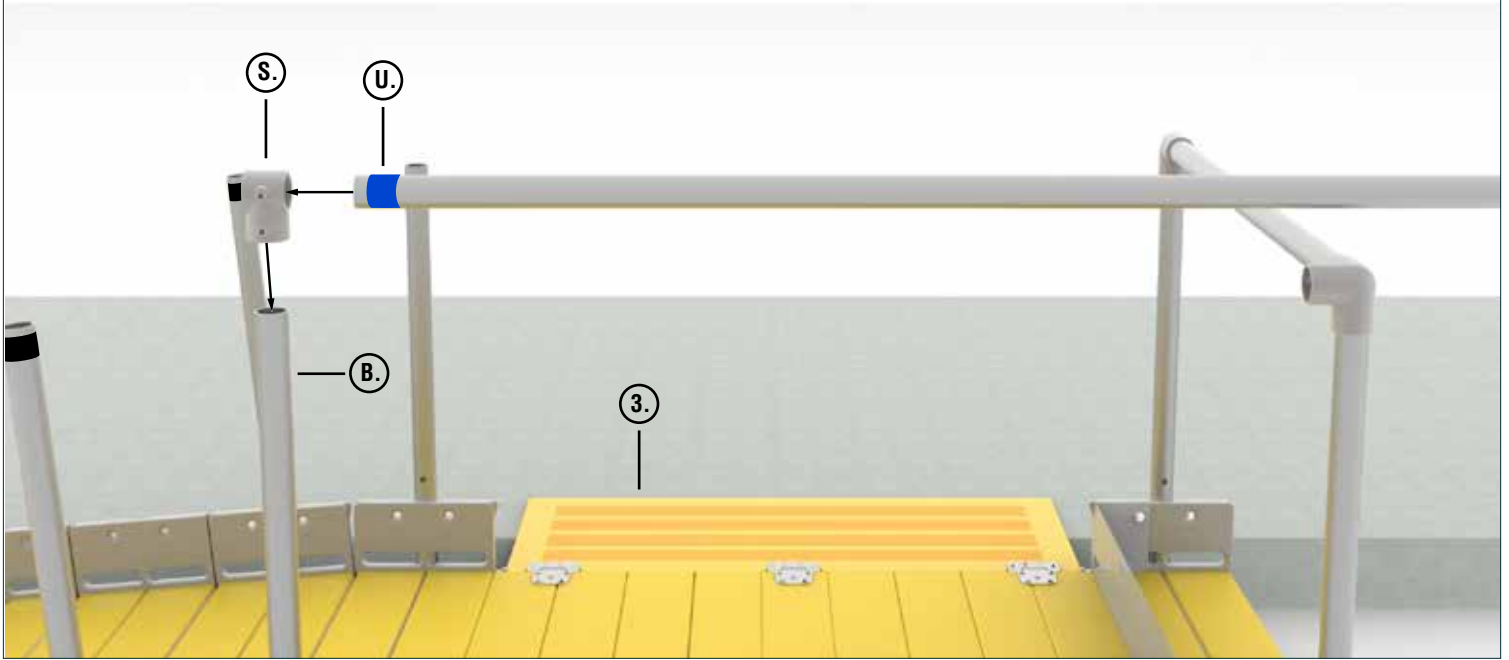
## STEP 19



Put the **90-degree fitting (P)** and the **three-way fitting (Q)** onto opposite ends of the the **51.5" handrail (T)** (green band). Place on top of the **jack tube uprights (B)** above the **gray movable curb (M)**. Note: All set screws should face outward except for the adjustable elbow fitting which should face downward.

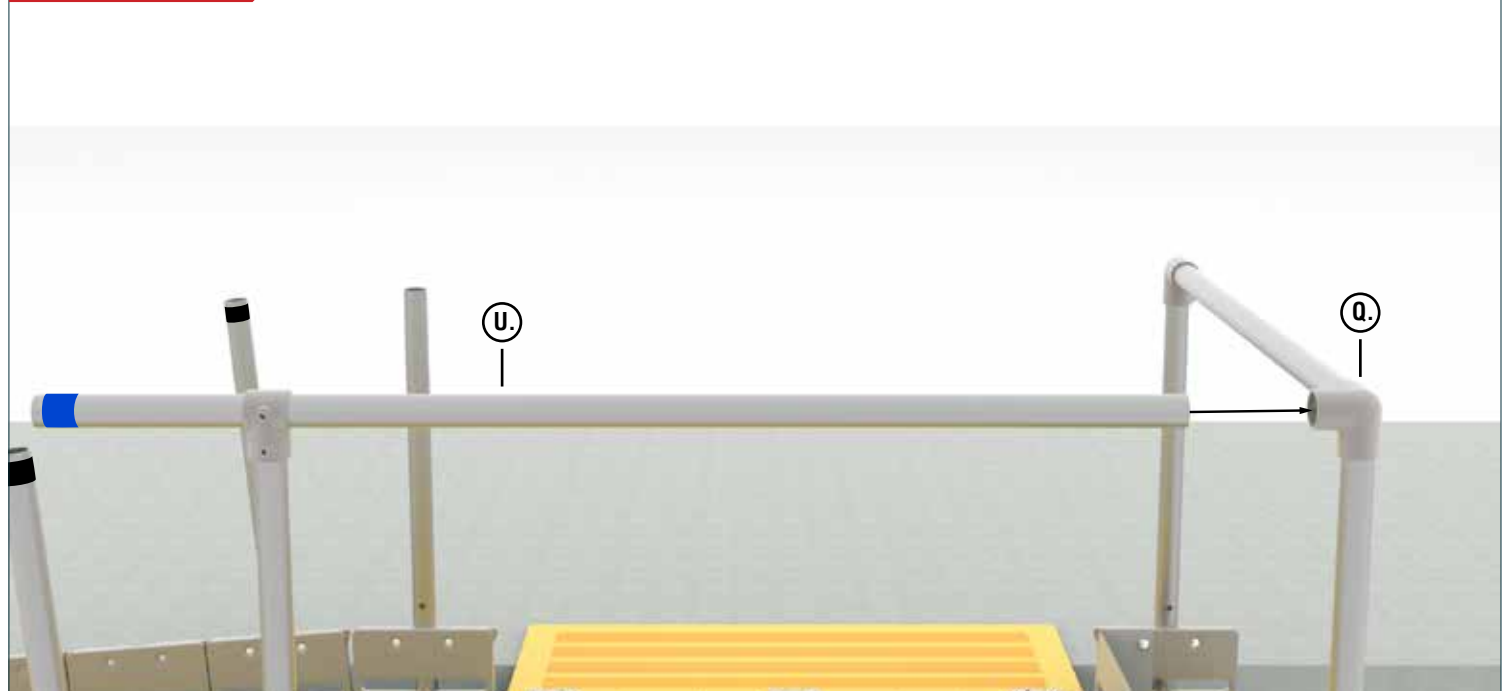
# FIVE SECTION BOARDWALK SYSTEM

## STEP 20



Slide the **t-fitting** (S) onto the **63.75" handrail** (U) (blue band). Place onto the **jack tube upright** (B) opposite the **approach plate** (3).

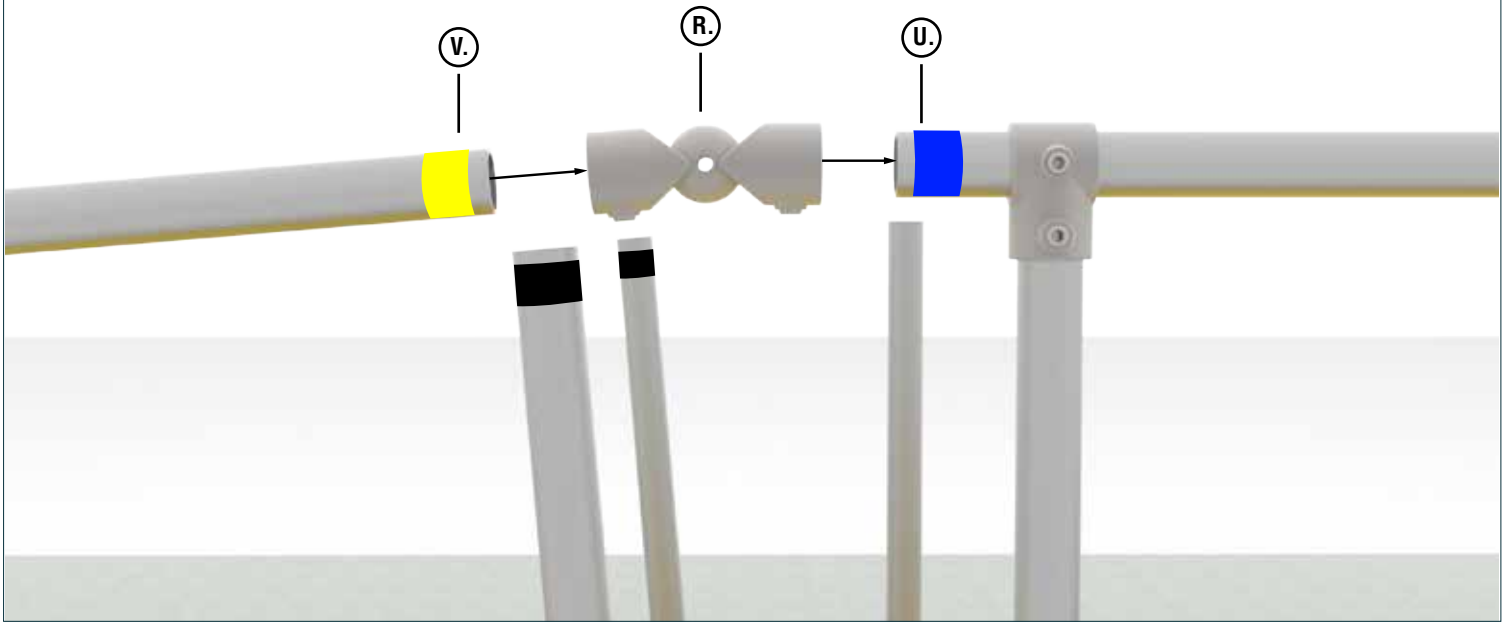
## STEP 21



Slide the **63.75" handrail** (U) (blue band) into the **three-way fitting** (Q).

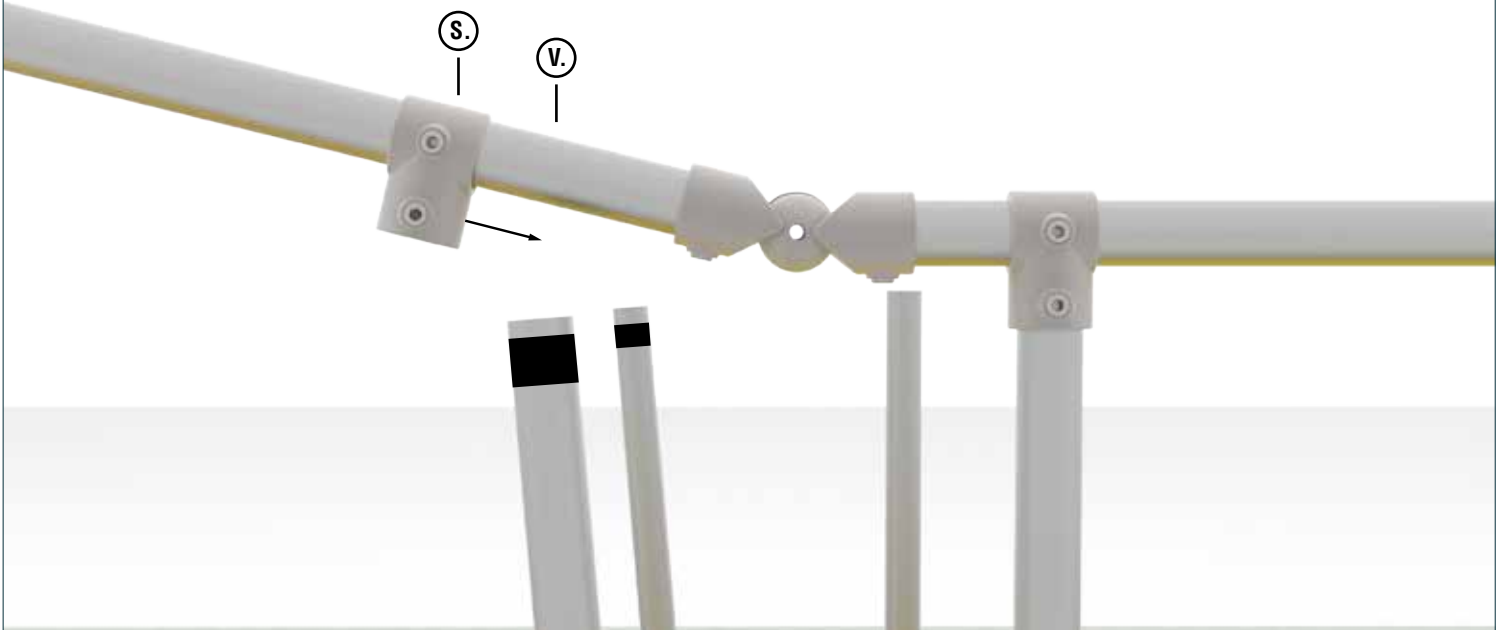
# FIVE SECTION BOARDWALK SYSTEM

## STEP 22



Slide the **adjustable elbow** (R) onto the available end of the **63.75" handrail** (U) (blue band). Insert the **50.5" handrail pipe** (V) (yellow band) onto the available end of the **adjustable elbow fitting**. Be sure that the set screws face downward.

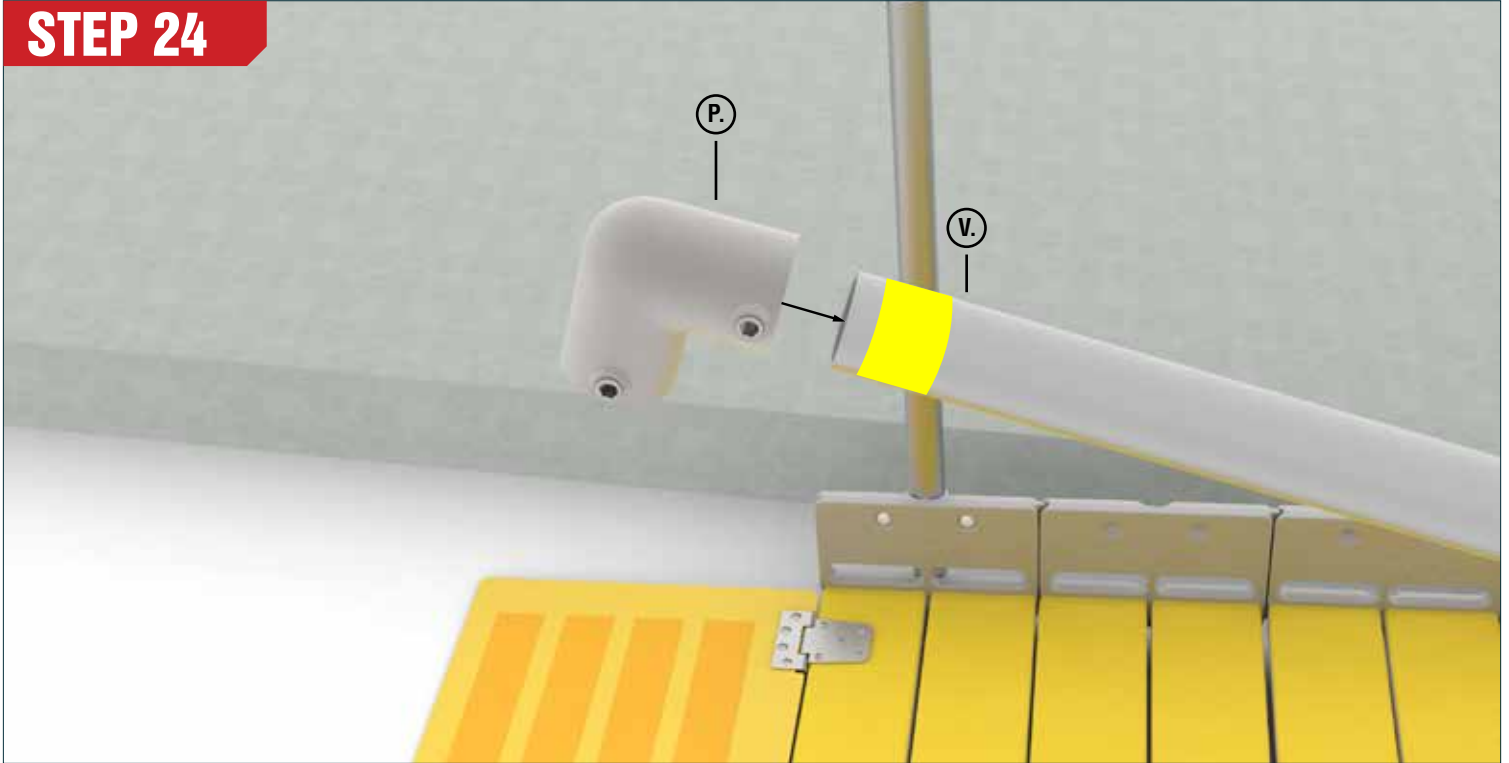
## STEP 23



Slide a **t-fitting** (S) onto the **50.5" handrail pipe** (V) (yellow band).

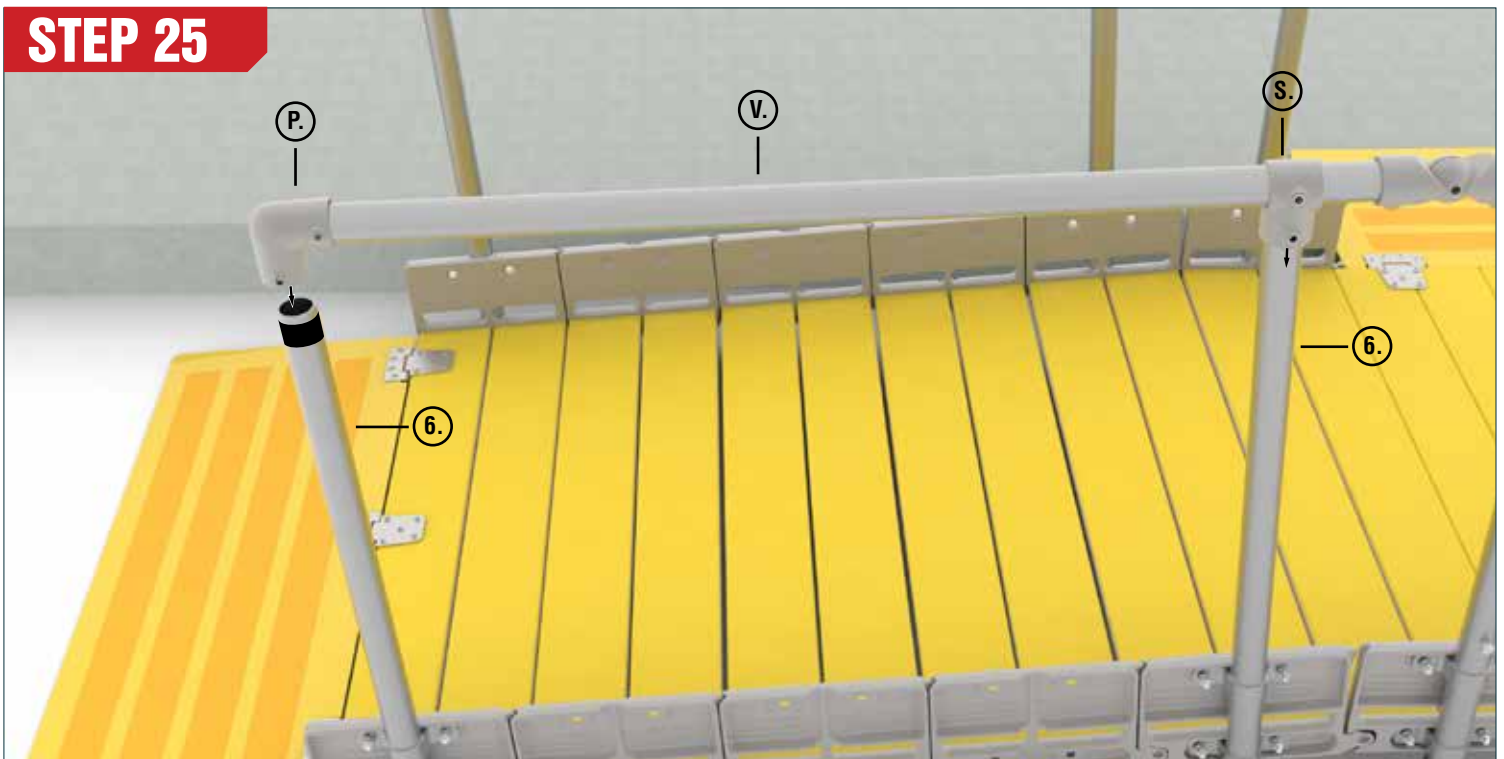
# FIVE SECTION BOARDWALK SYSTEM

## STEP 24



Put the **90-degree fitting** (P) on the available end of the **50.5" handrail** (V) (yellow band).

## STEP 25

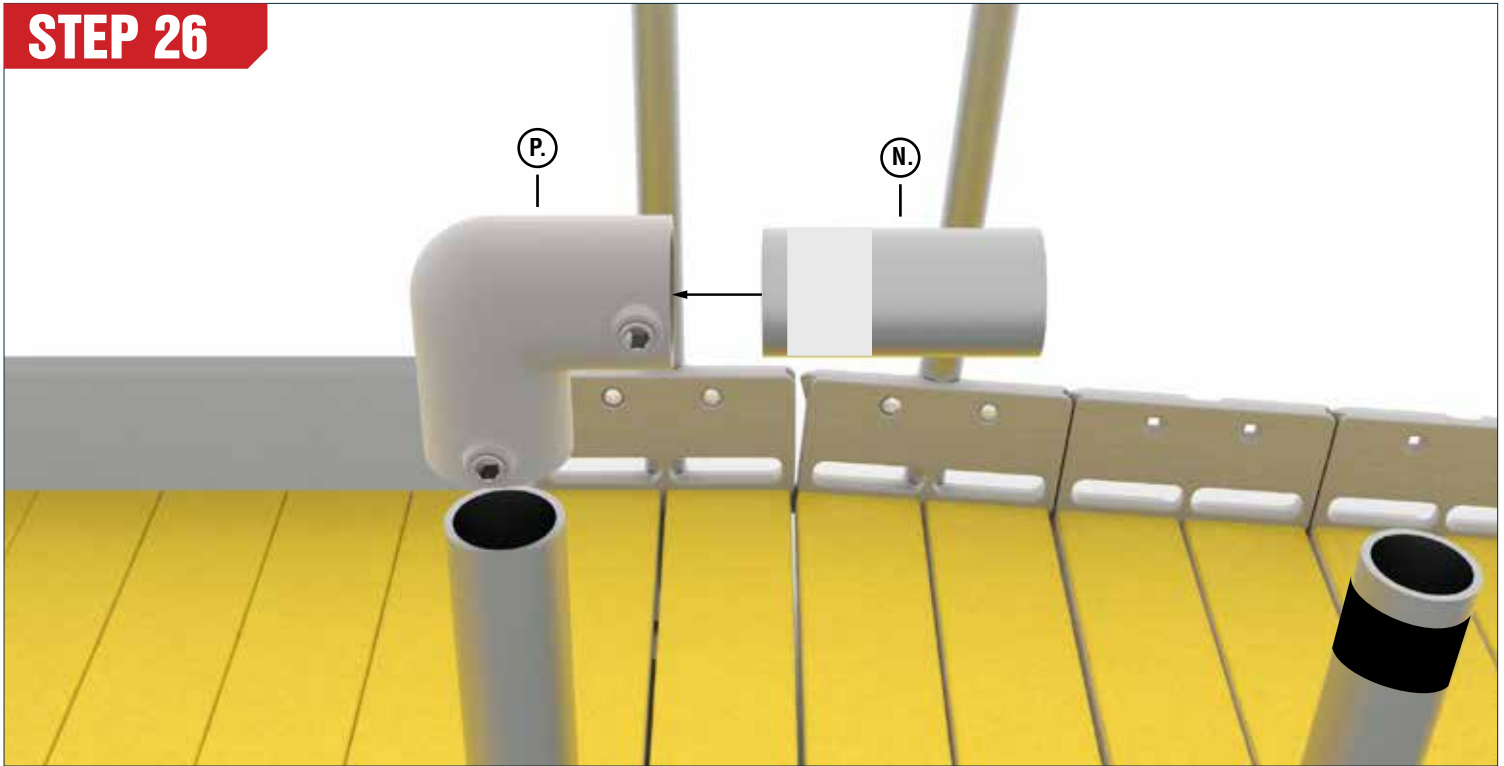


Pivot the **50.5" handrail** (V) (yellow band) down so that the **T-fitting** (S) and the **90-degree fitting** (P) align with the **handrail uprights** (6) (black band) on the first section and the last section of the ramp respectively.



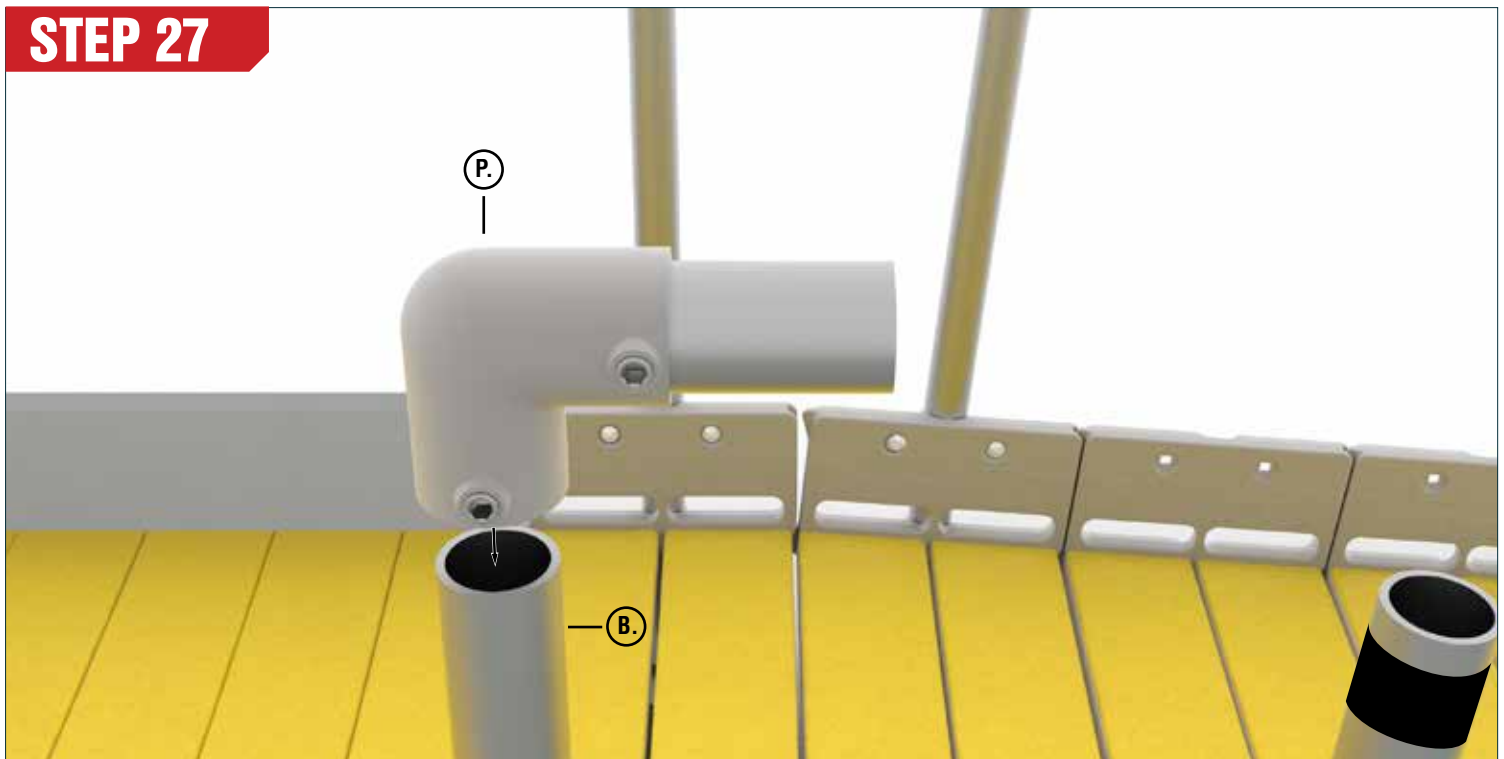
# FIVE SECTION BOARDWALK SYSTEM

## STEP 26



Now working on the frontside handrail, insert a **stub pipe** (N) (white band) into a **90-degree fitting** (P).

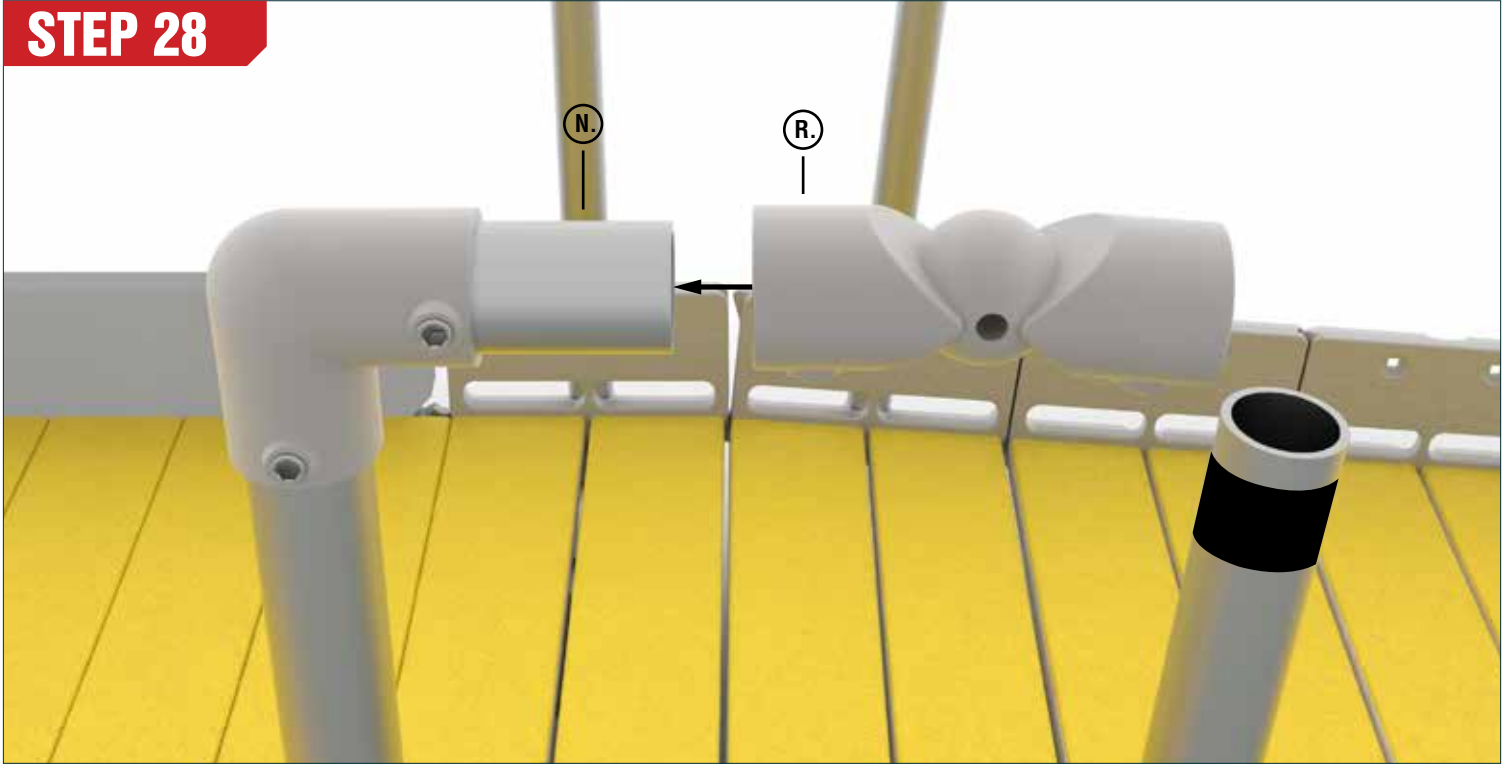
## STEP 27



Insert the available opening on the **90-degree fitting** (P) onto the **jack tube upright** (B) on the front side of the platform.

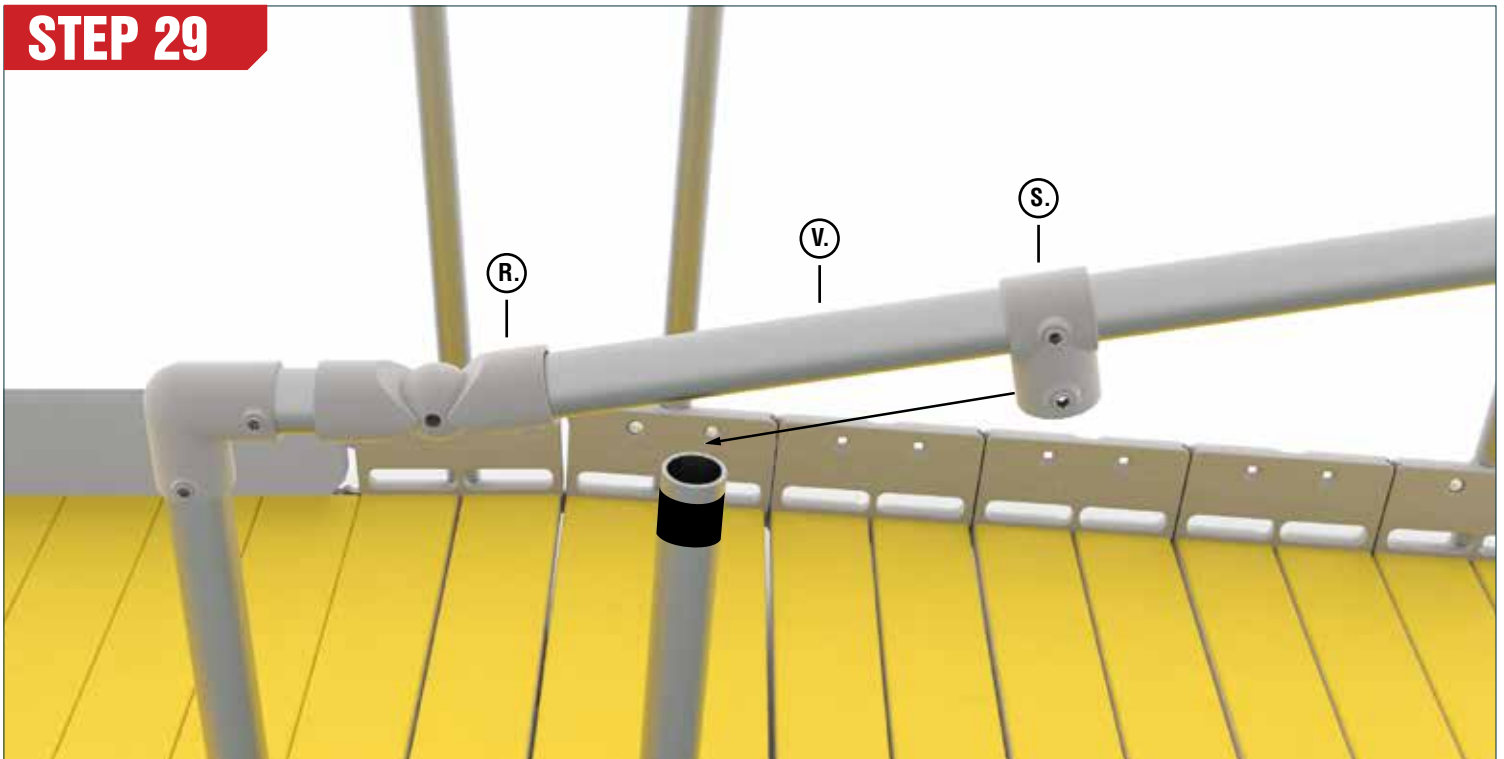
# FIVE SECTION BOARDWALK SYSTEM

## STEP 28



Slide the **adjustable elbow fitting** (R) onto the available end of the **stub pipe** (N) (white band).

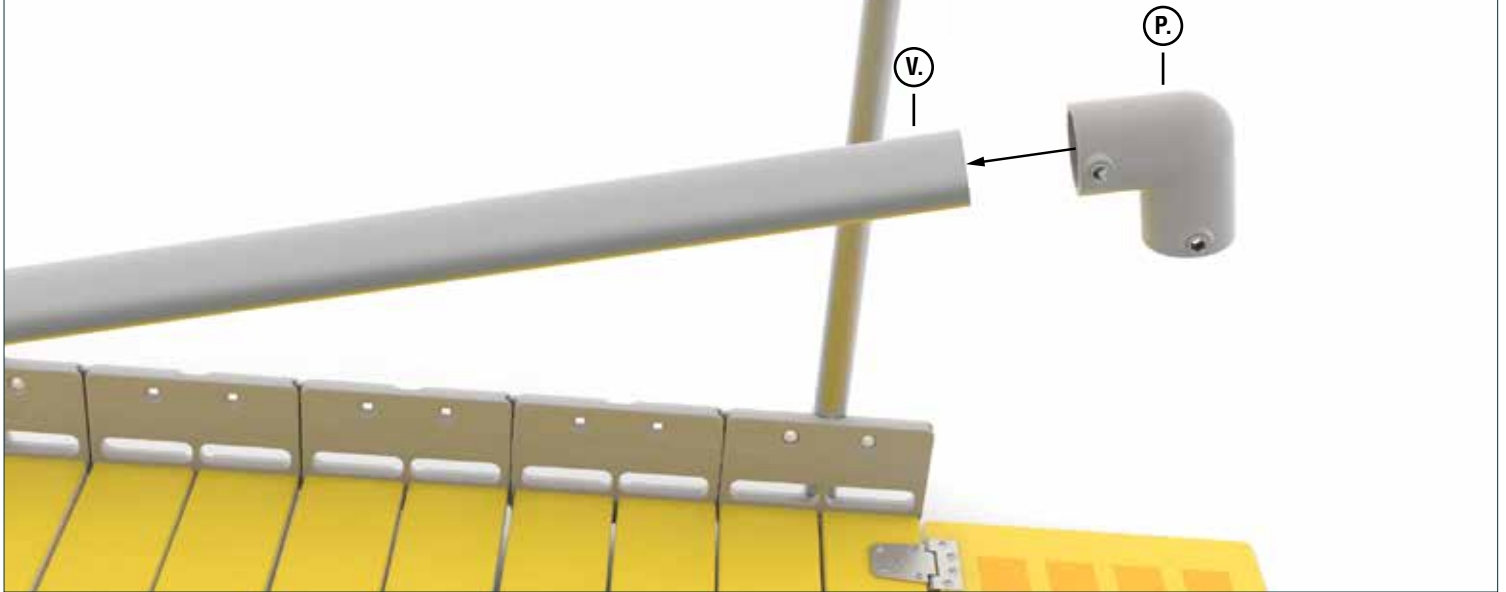
## STEP 29



Insert the **50.5" handrail** (V) (yellow band) in the available opening on the **adjustable elbow fitting** (R). Slide a **T-fitting** (S) onto the **50.5 handrail pipe** (V) (yellow band).

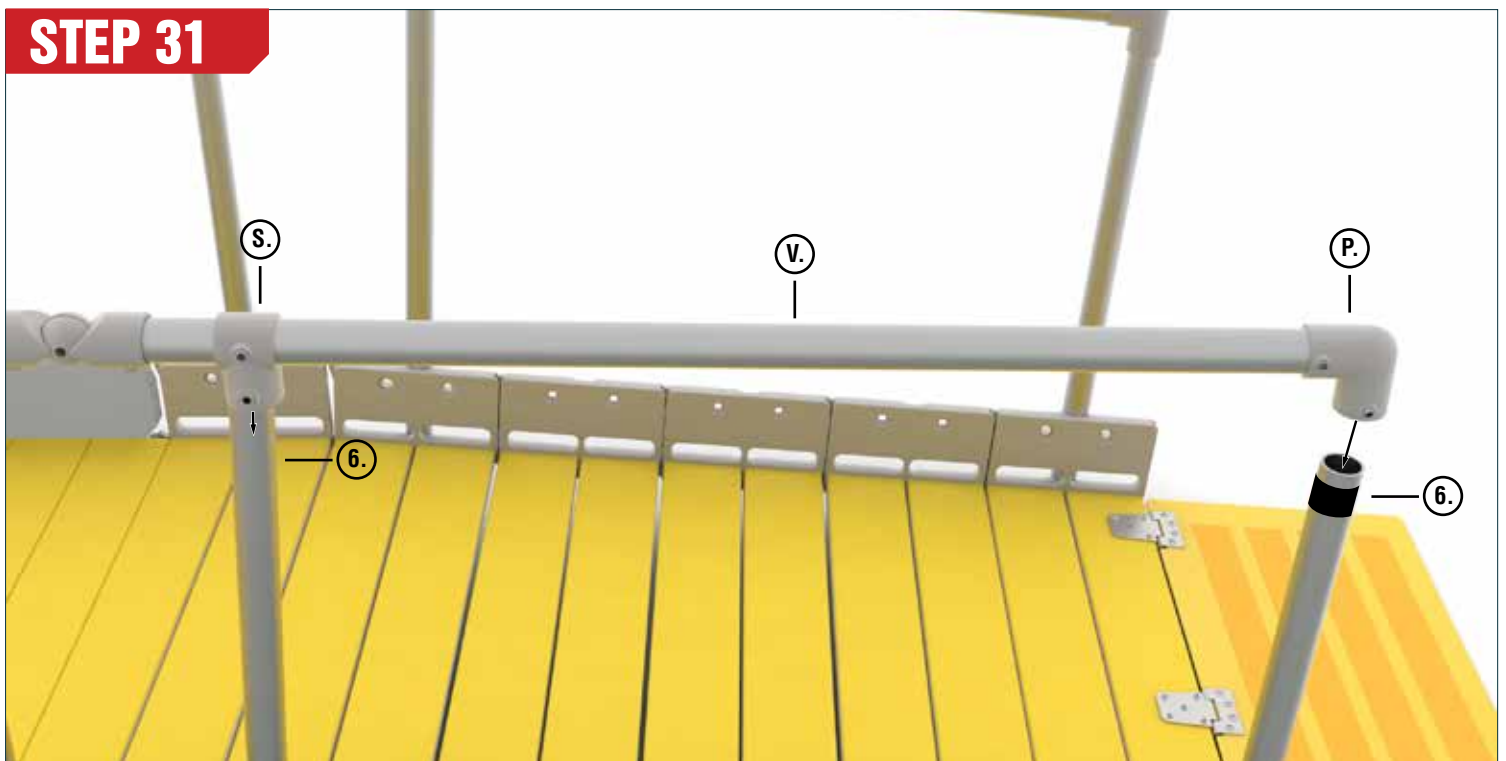
# FIVE SECTION BOARDWALK SYSTEM

## STEP 30



Put the **90-degree** (P) fitting on the available end of the **50.5" handrail** (V) (yellow band).

## STEP 31



Pivot the **50.5" handrail** (V) (yellow band) down so that the **T-fitting** (S) and the **90-degree** (P) fitting align with the **handrail uprights** (6) (black band) on the first section and the last section of the ramp respectively. Tighten all set screws.



**CONTACT:**

Call 800.662.6338 to talk to a Service Representative.

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