

MODULAR UA RAMPS | **3c**

Rideau Installation Guide

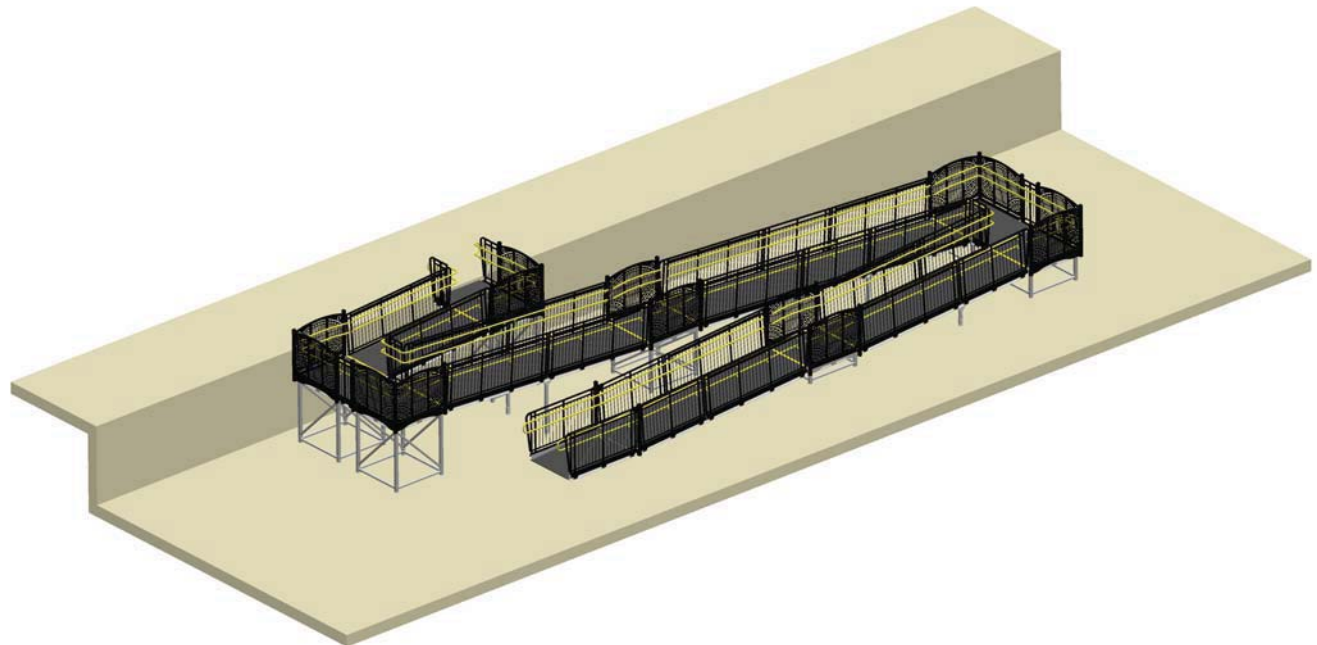
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Introduction

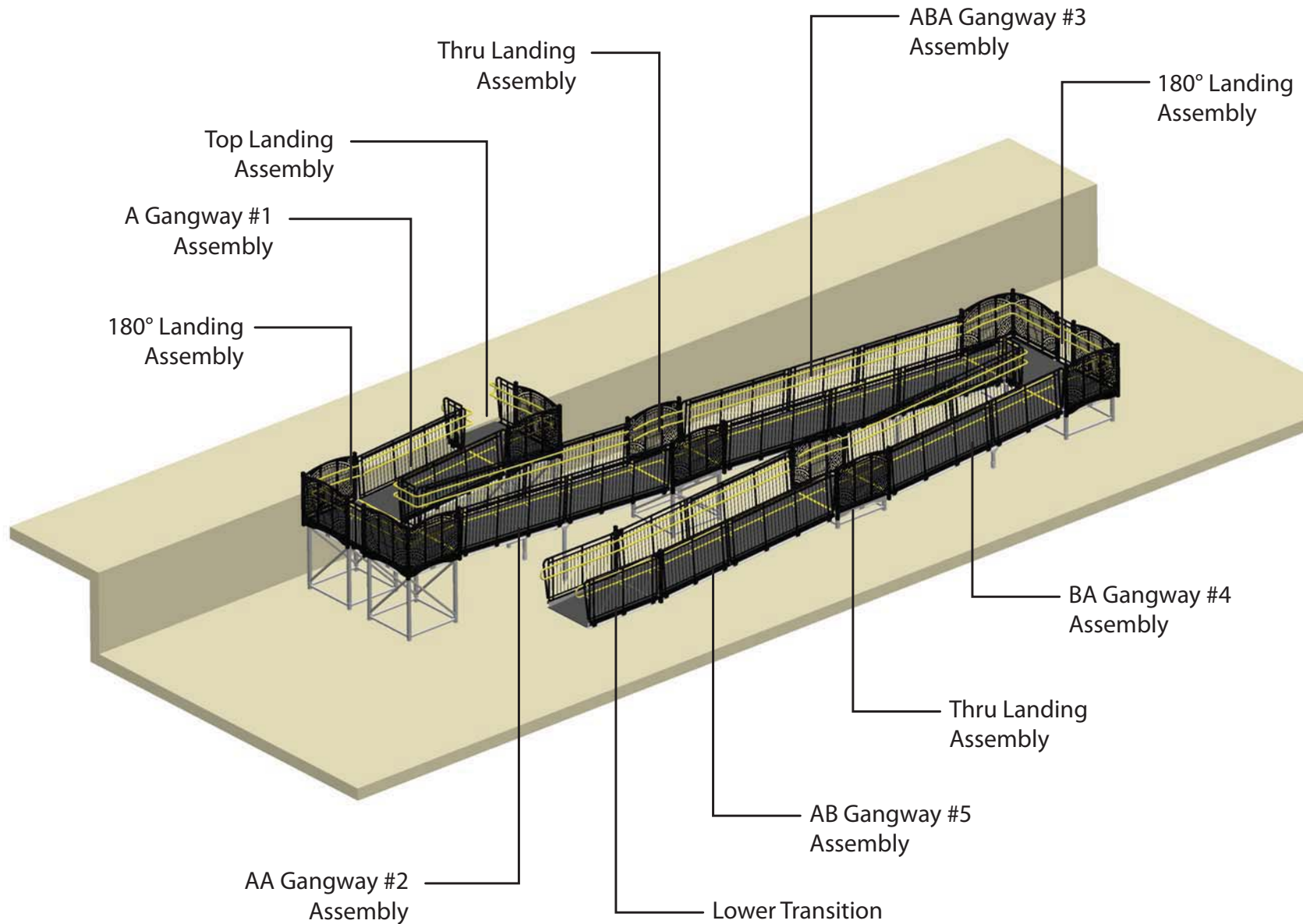
The Rideau Ramp is installed as part of the infrastructure required for the Rideau Canal Skateway. It is typically installed in November of each year during a special period of extra-low water intended to facilitate such installations. This ramp has a 1:15 slope.

The following pages outline the components and sub-assemblies that make up the Rideau Ramp, and provide step-by-step instructions for their installation on site.

It is important to note that several assemblies are to be preconfigured prior to assembly, in particular the gangways and landings. Attending to this prior to installation will speed the process and make everything easier.

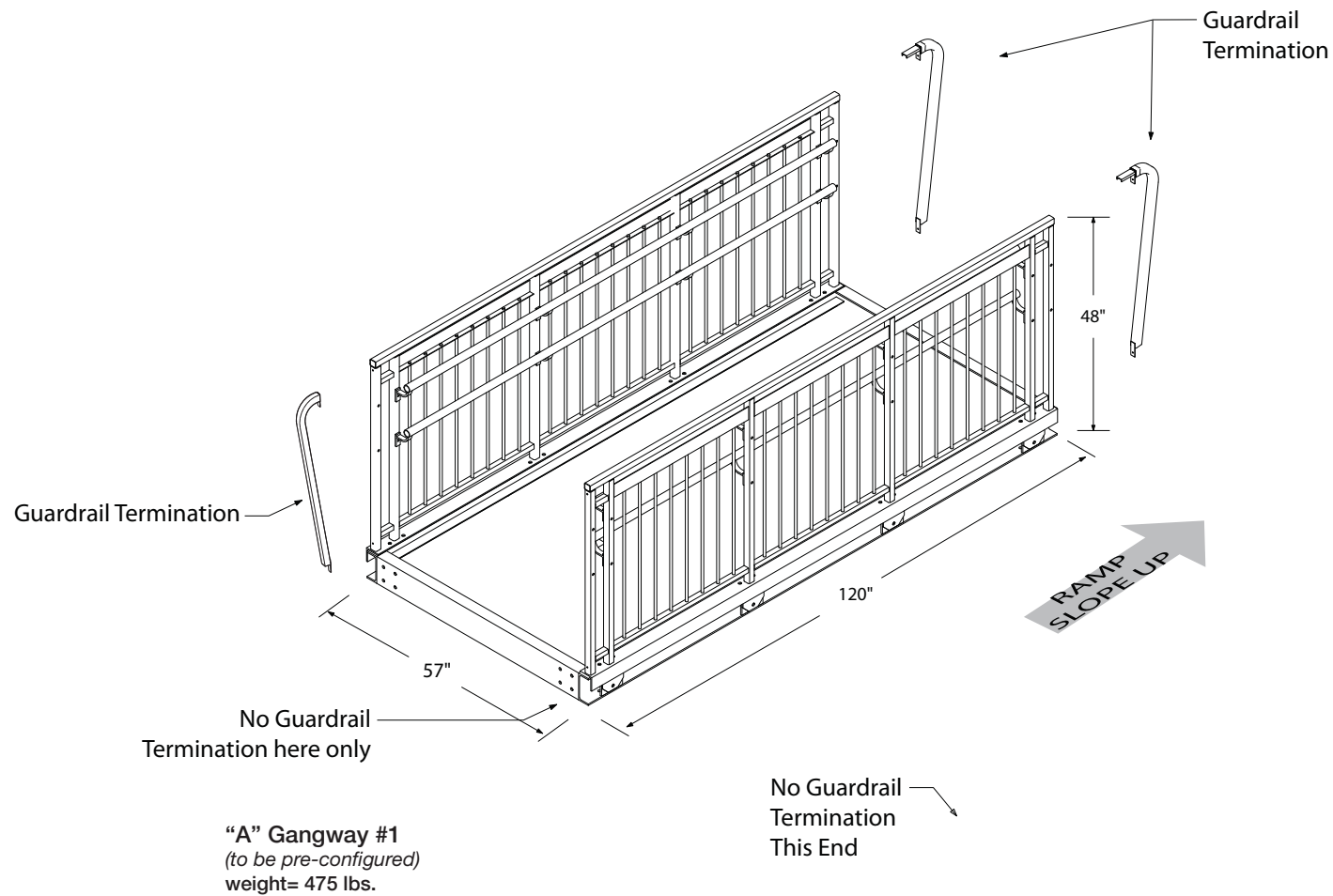


Overview



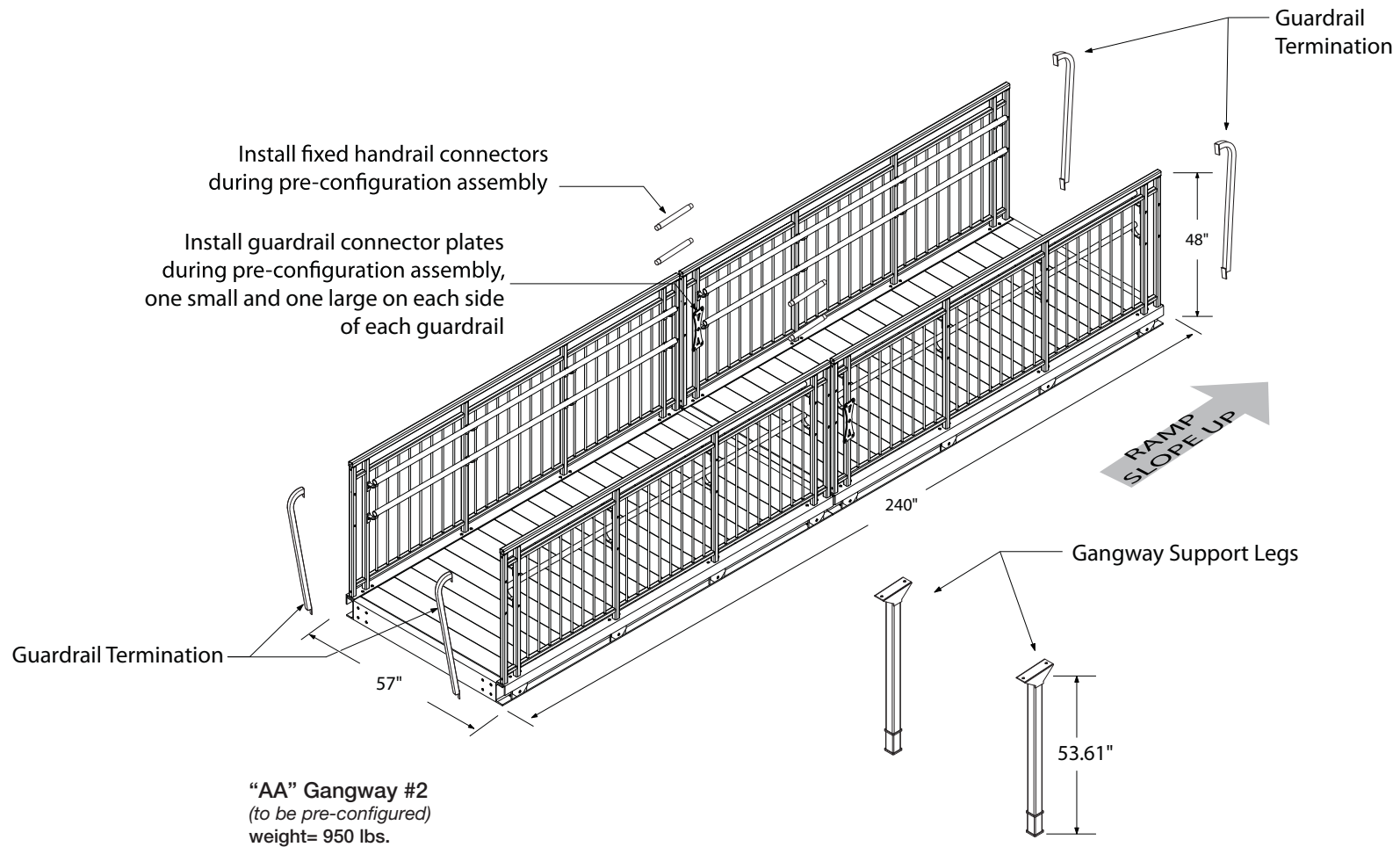
Gangways & Ramp Supports

1 REQ'D



Gangways & Ramp Supports

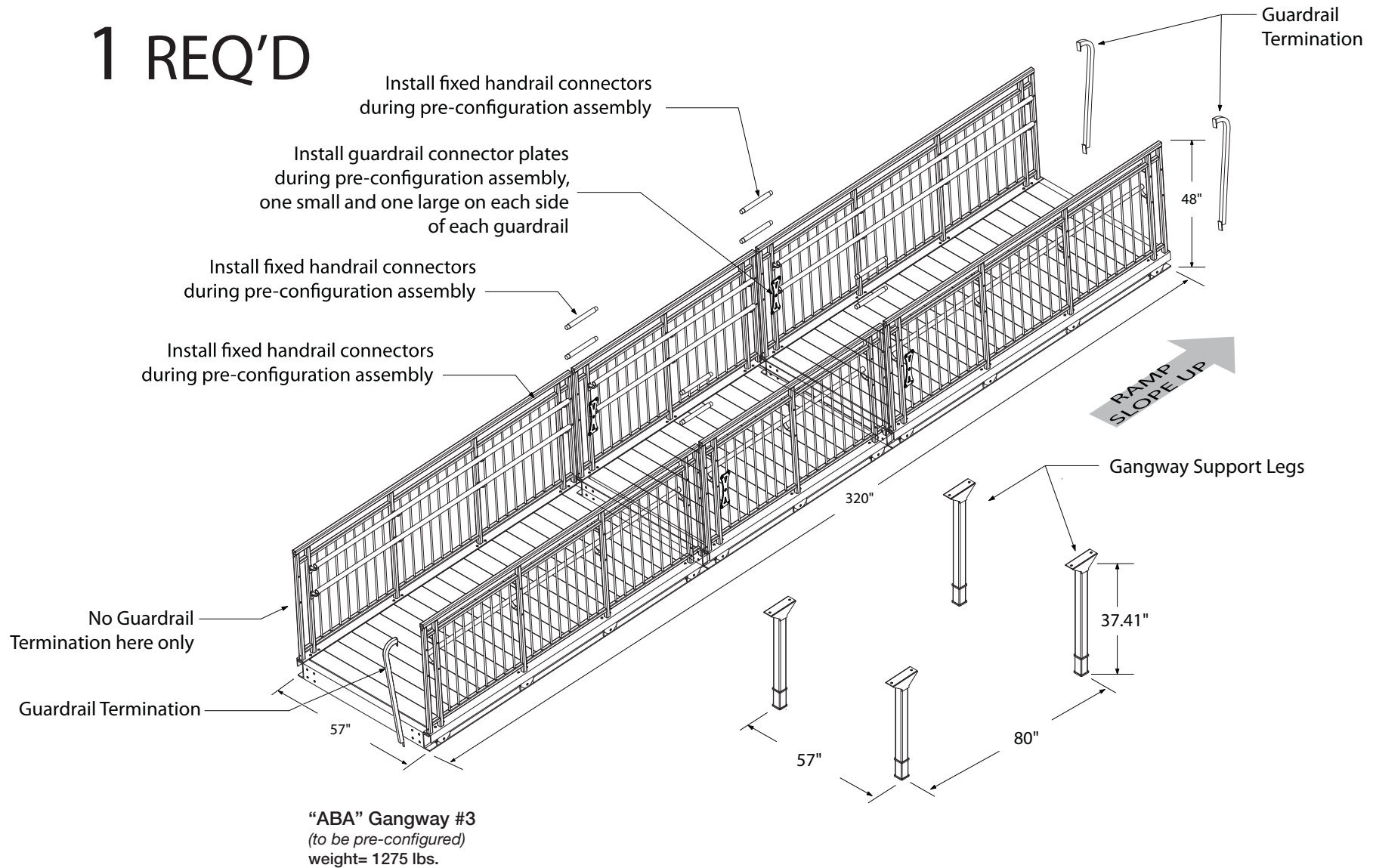
1 REQ'D



NOTE: Supports require scaffold jack levellers on both legs.

Gangways & Ramp Supports

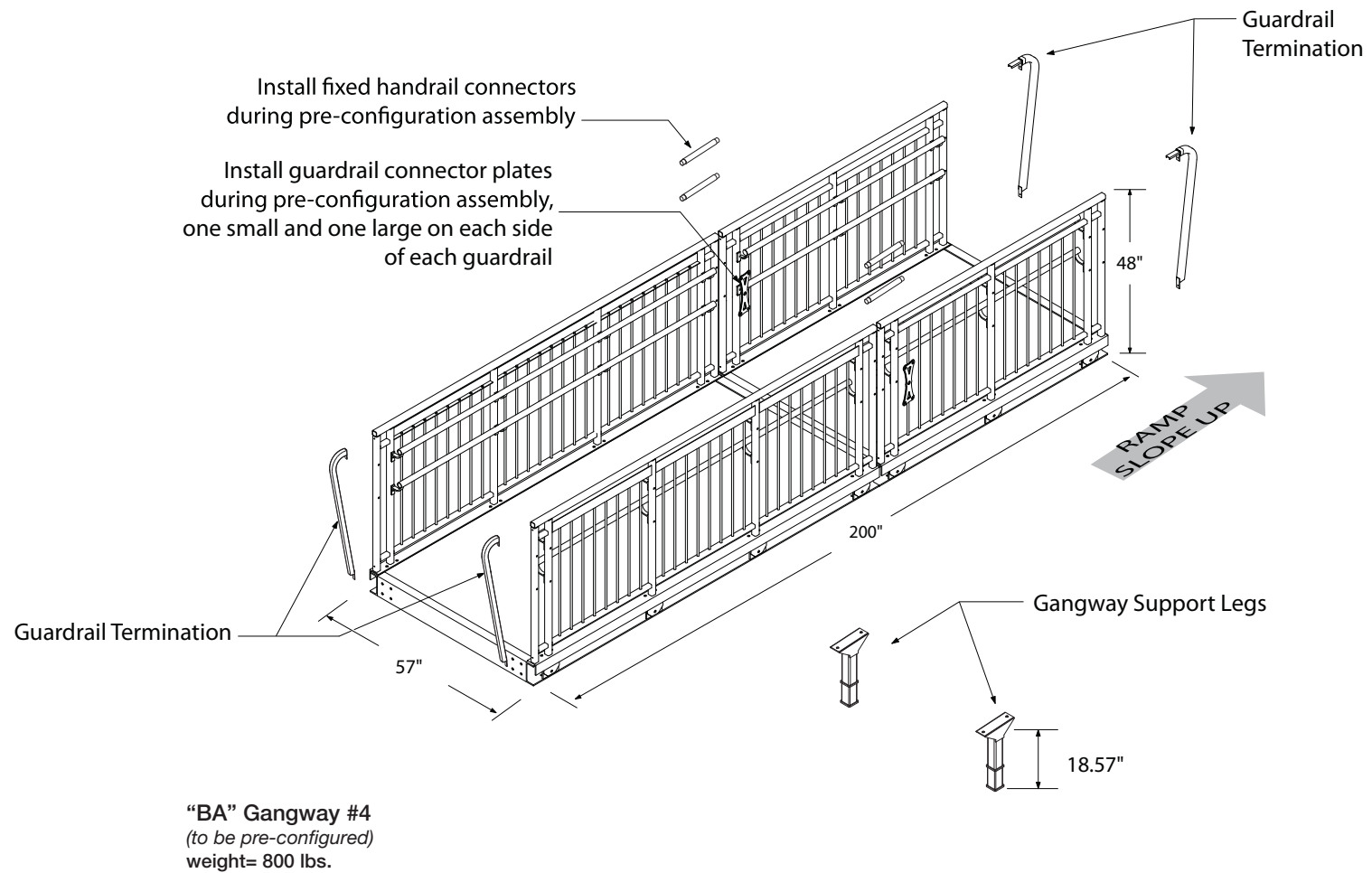
1 REQ'D



NOTE: All supports require scaffold jack levellers on all four legs.

Gangways & Ramp Supports

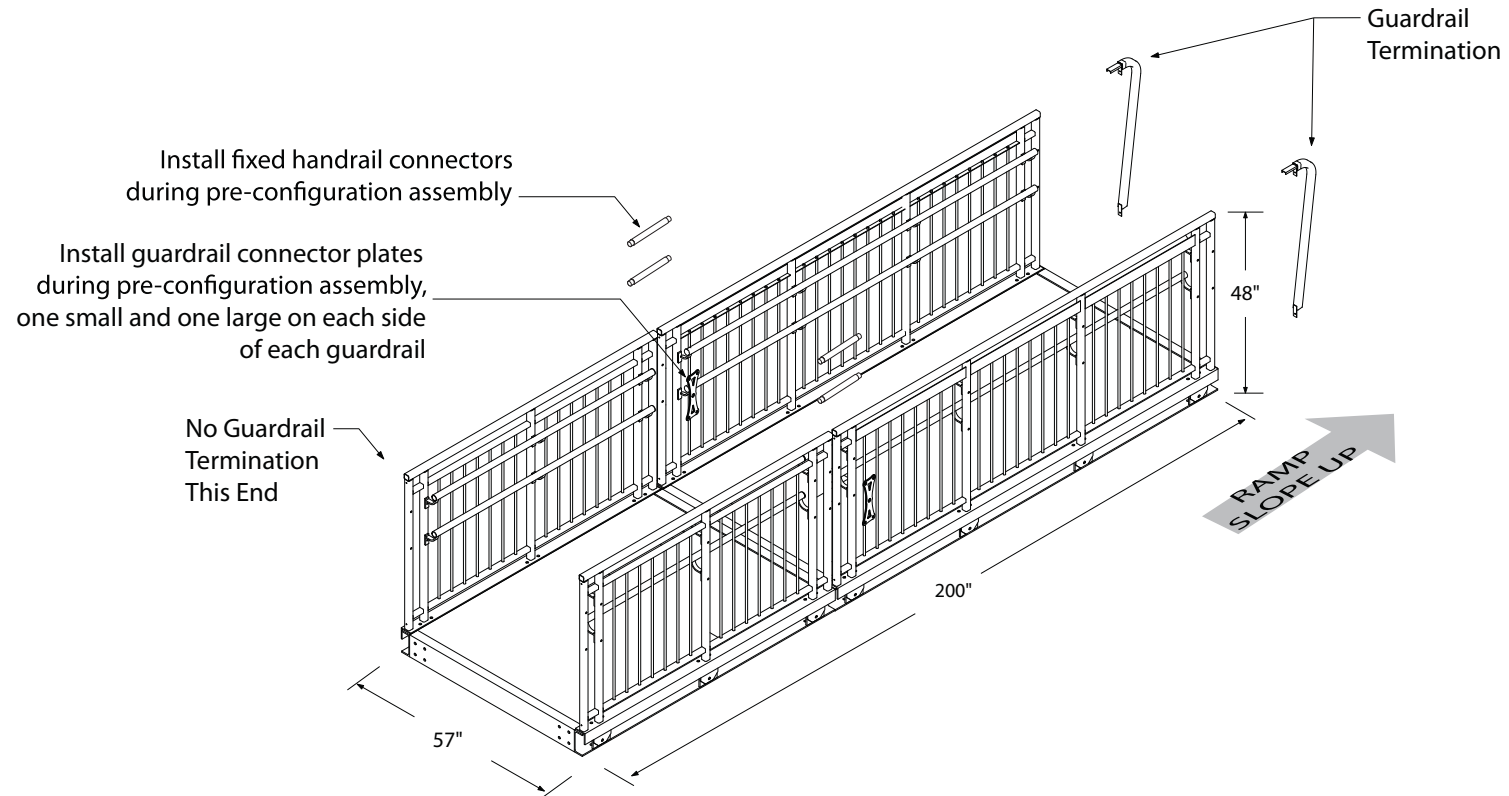
1 REQ'D



NOTE: Supports require scaffold jack levellers on both legs.

Gangways & Ramp Supports

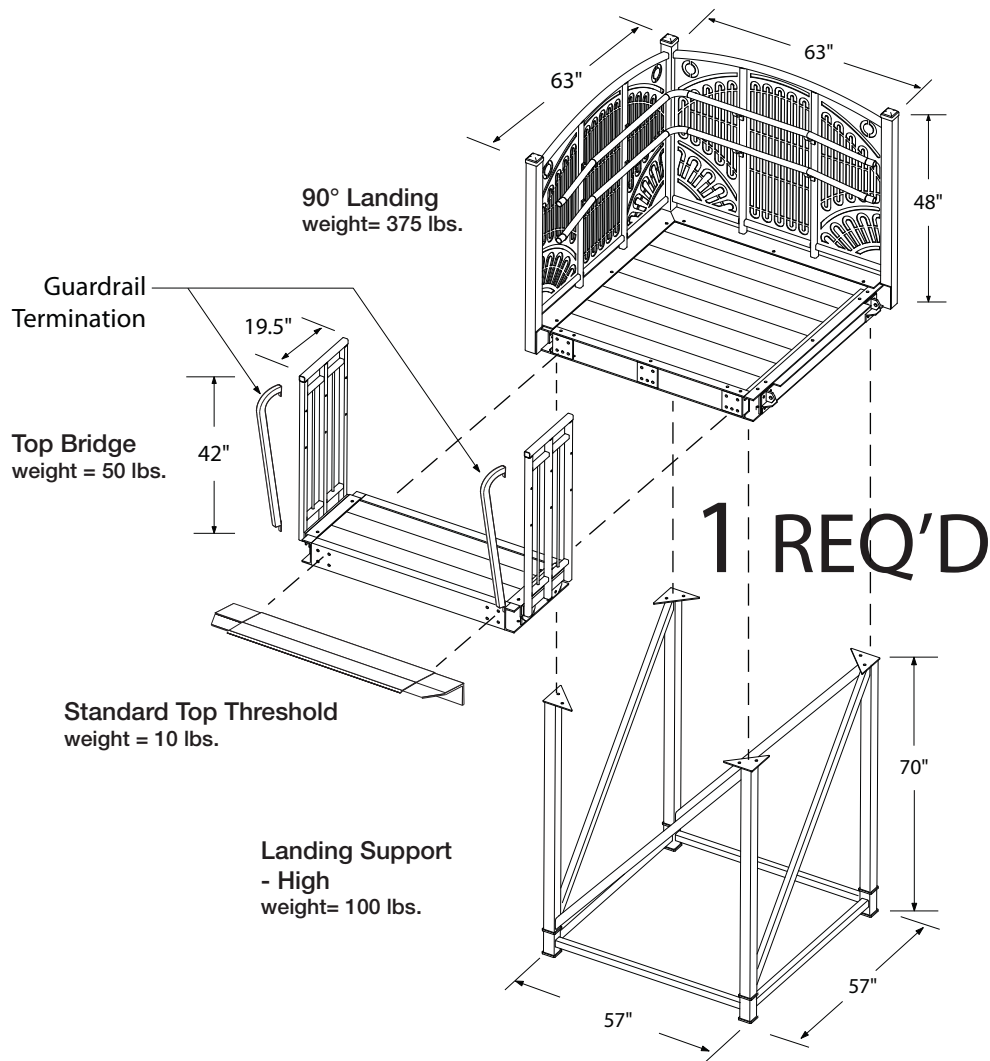
1 REQ'D



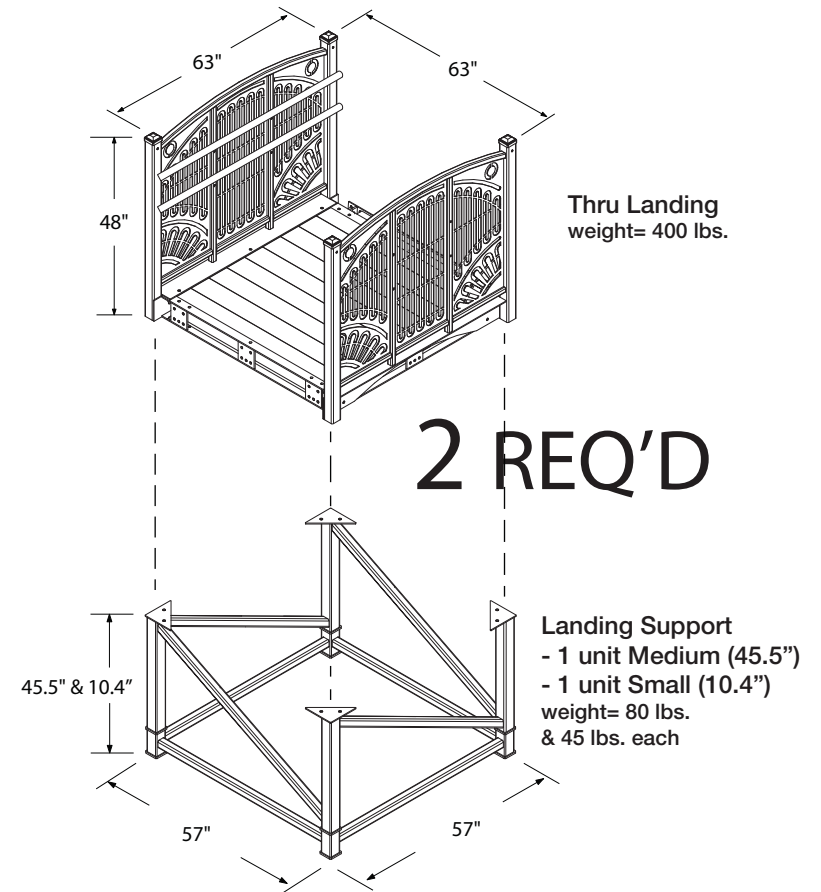
"AB" Gangway #5
(to be pre-configured)
weight= 800 lbs.

NOTE: Supports require scaffold jack levellers on both legs.

Landings & Landing Supports



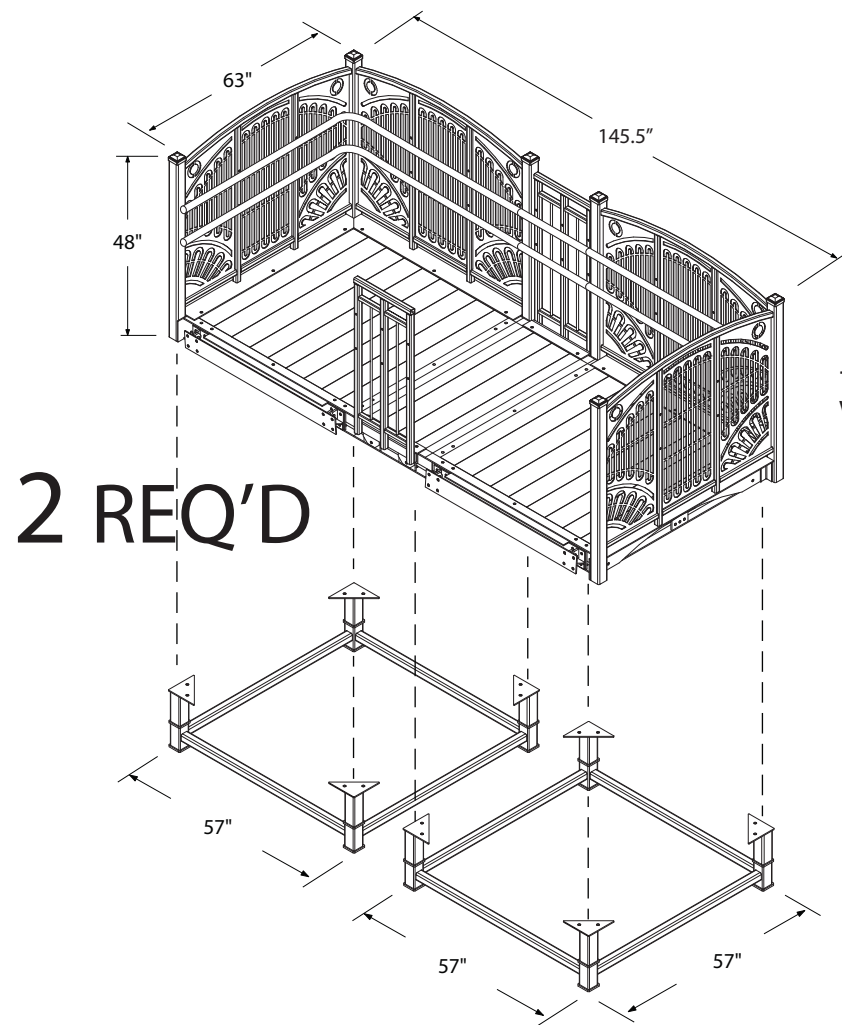
Top Landing Assembly



Thru Landing Assembly

NOTE: All supports require scaffold jack levellers on all four legs.

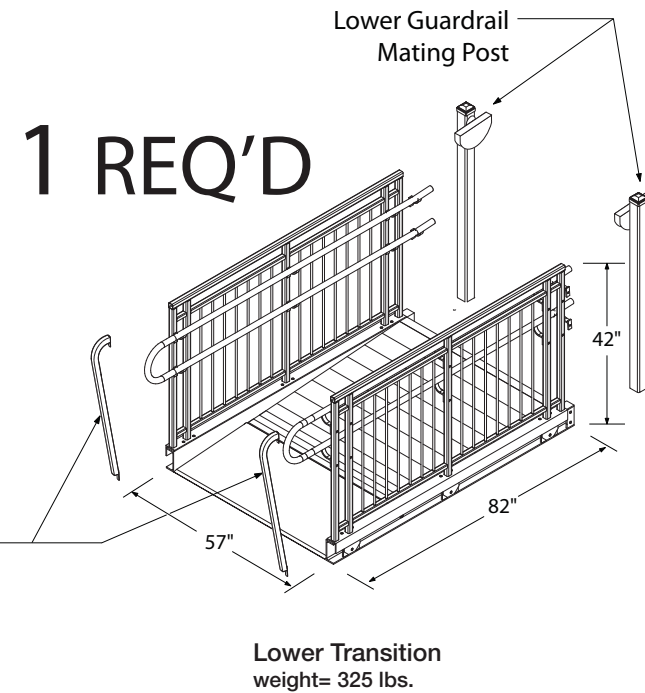
Landings & Landing Supports



180° Landing Assembly

180° Landing
weight= 800 lbs.

Landing Support
-2 High (61.8")
-2 Small (15")
weight= 80 lbs. & 45 lbs. each

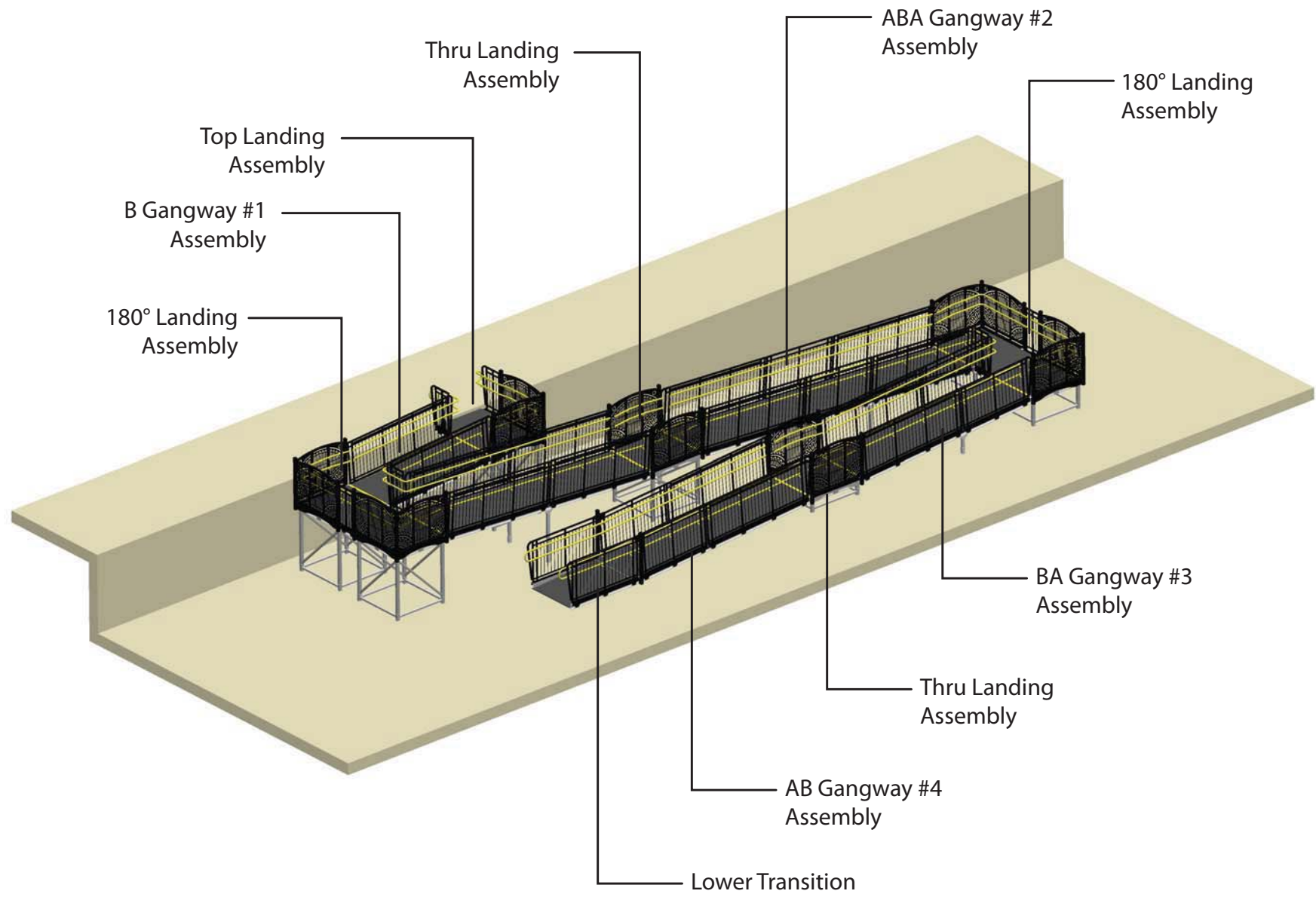


Handrail Connectors Required

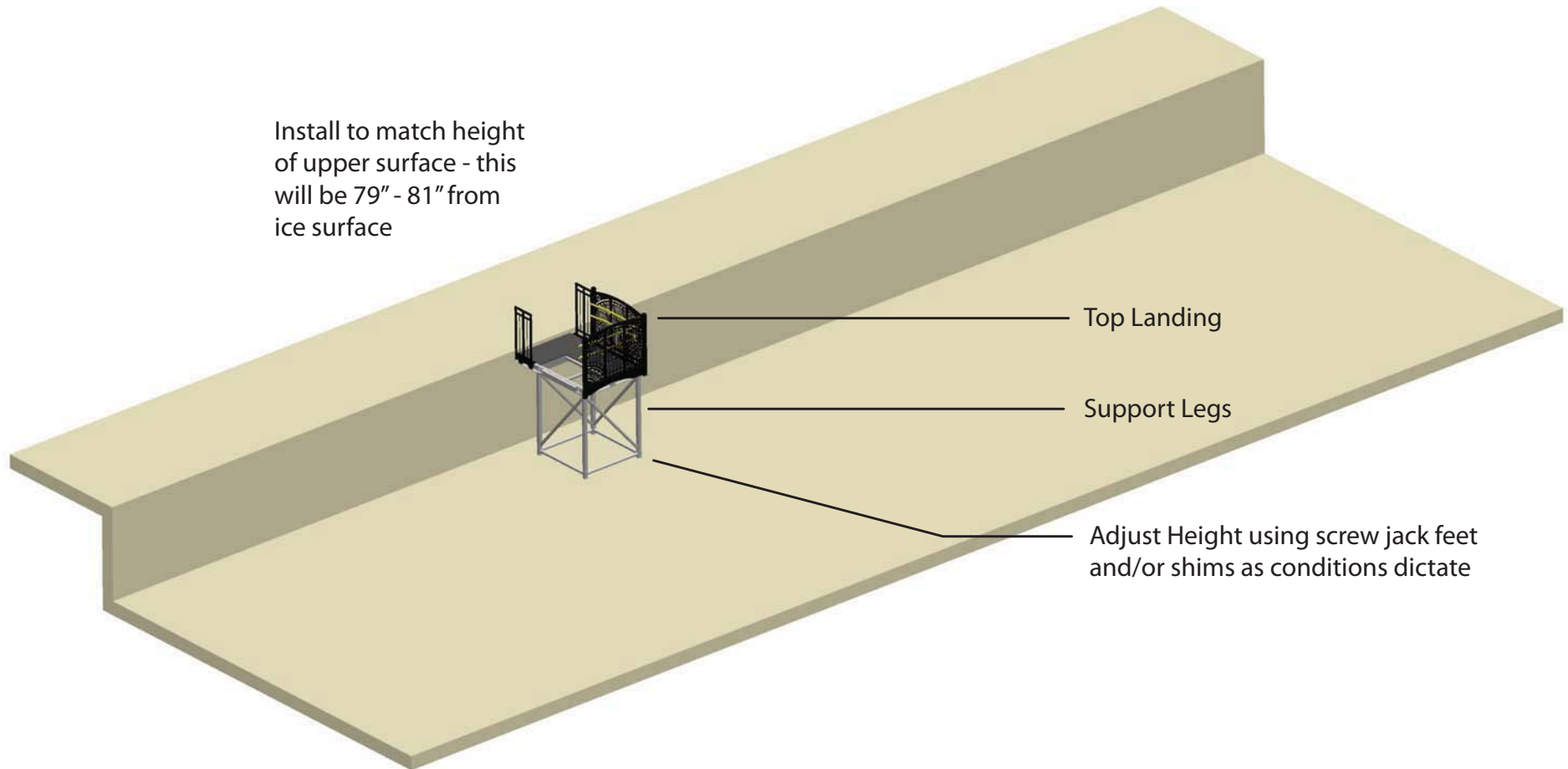
- 24 - Fixed Connectors
- 14 - Variable Length Long Connectors
- 12 - Variable Length Short Connectors
- 2 - 180° Inner Handrail
- 1 - Top Bridge Inner Handrail
- 1 - Top Bridge Outer Handrail

NOTE: All supports require scaffold jack levellers on all four legs.

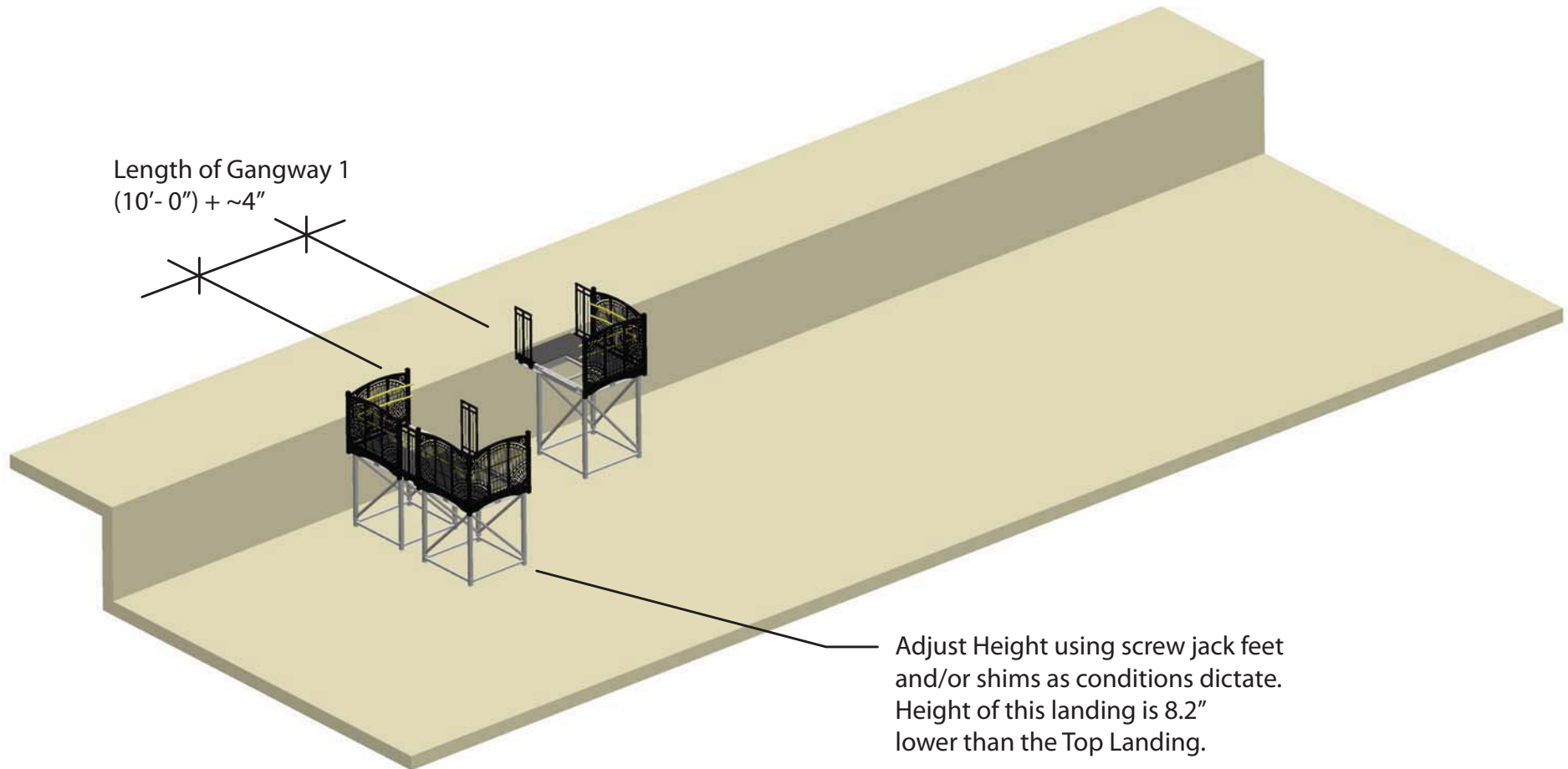
Overview of Completed Installation



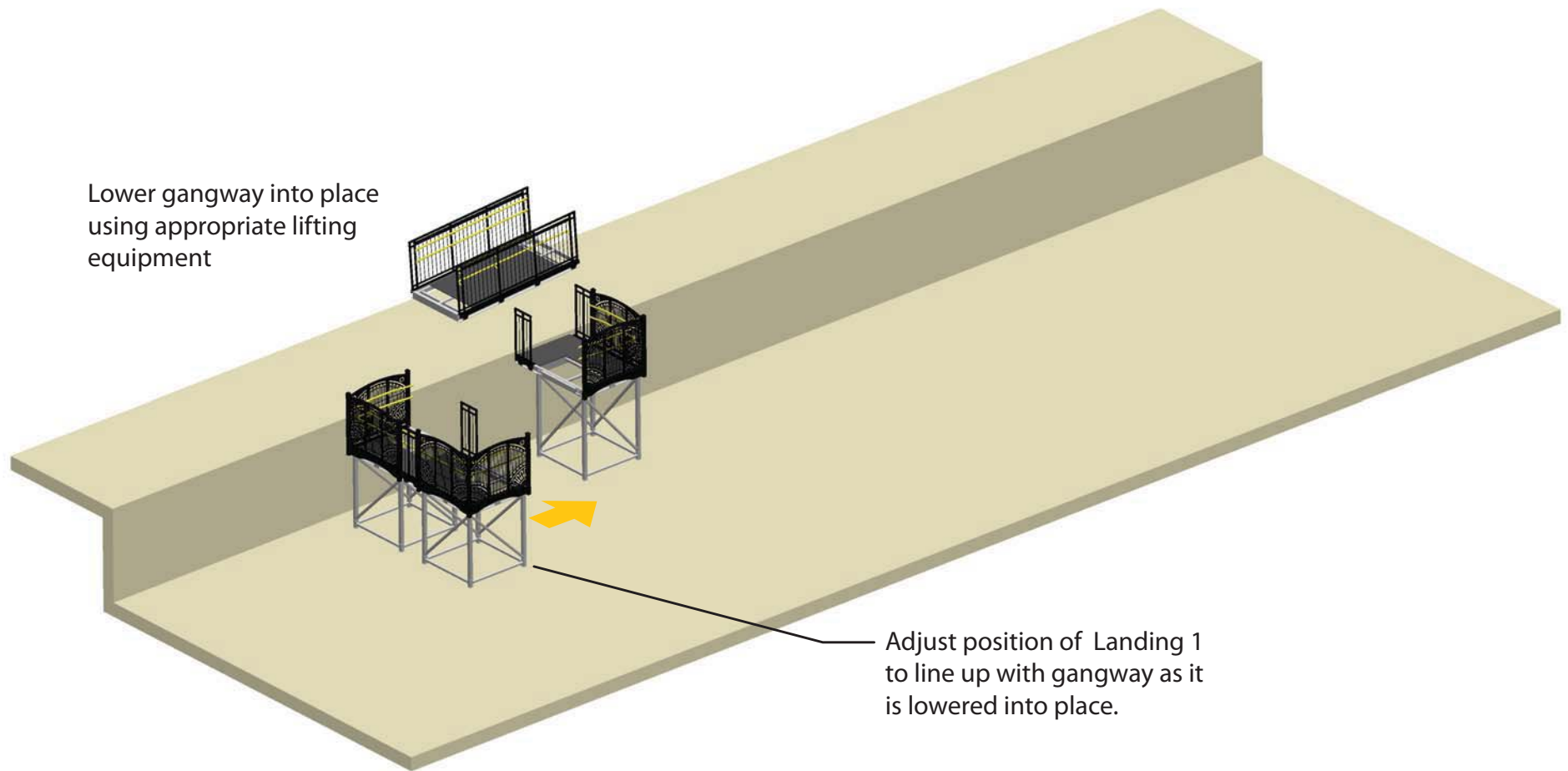
Install Top Landing



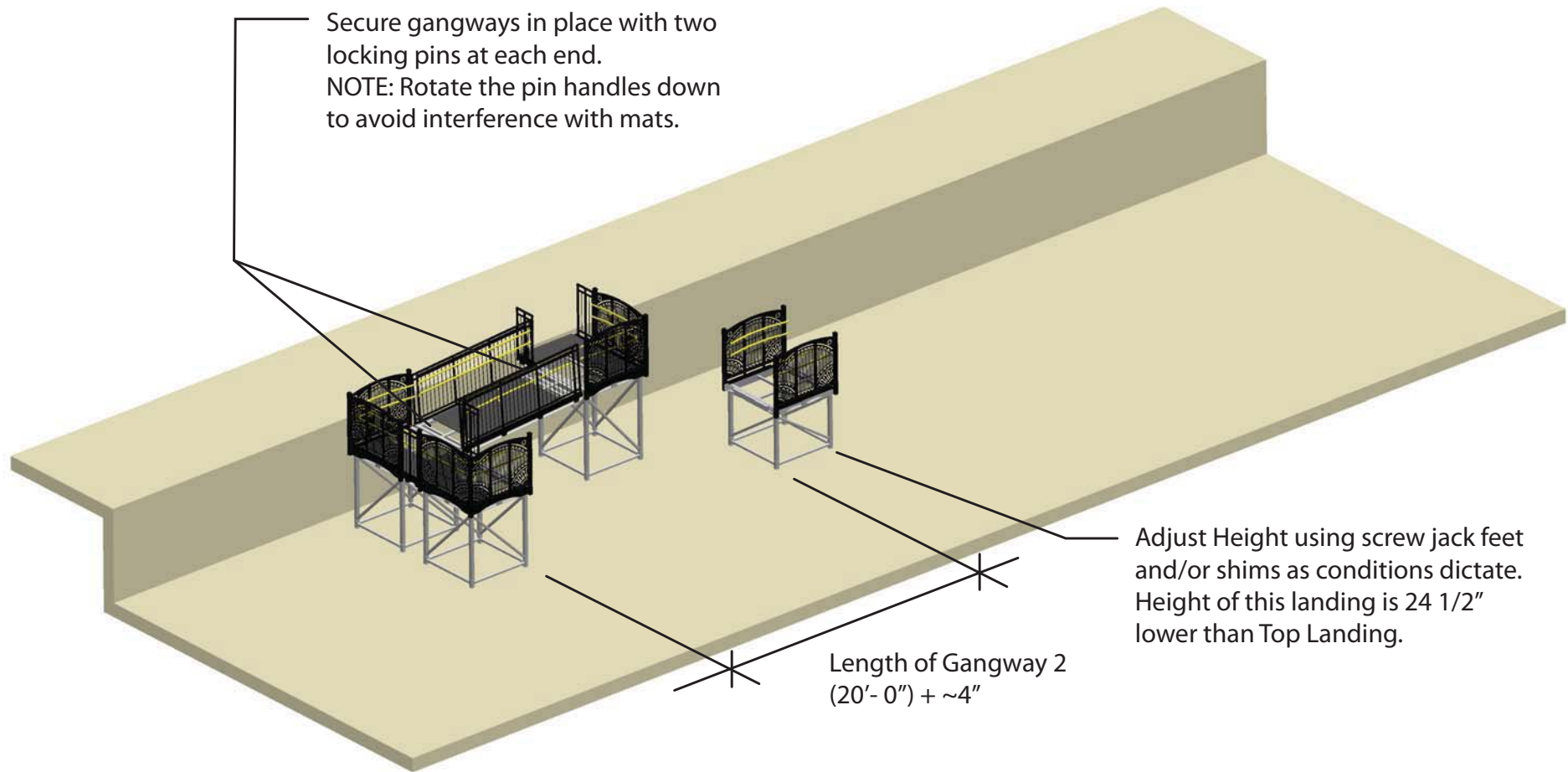
Install Landing 1



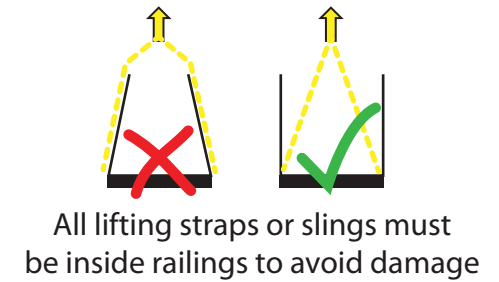
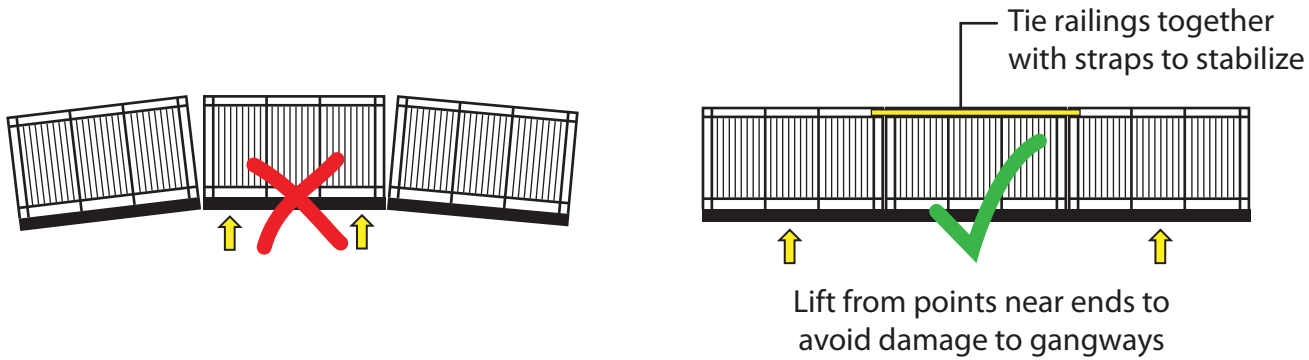
Install Gangway 1



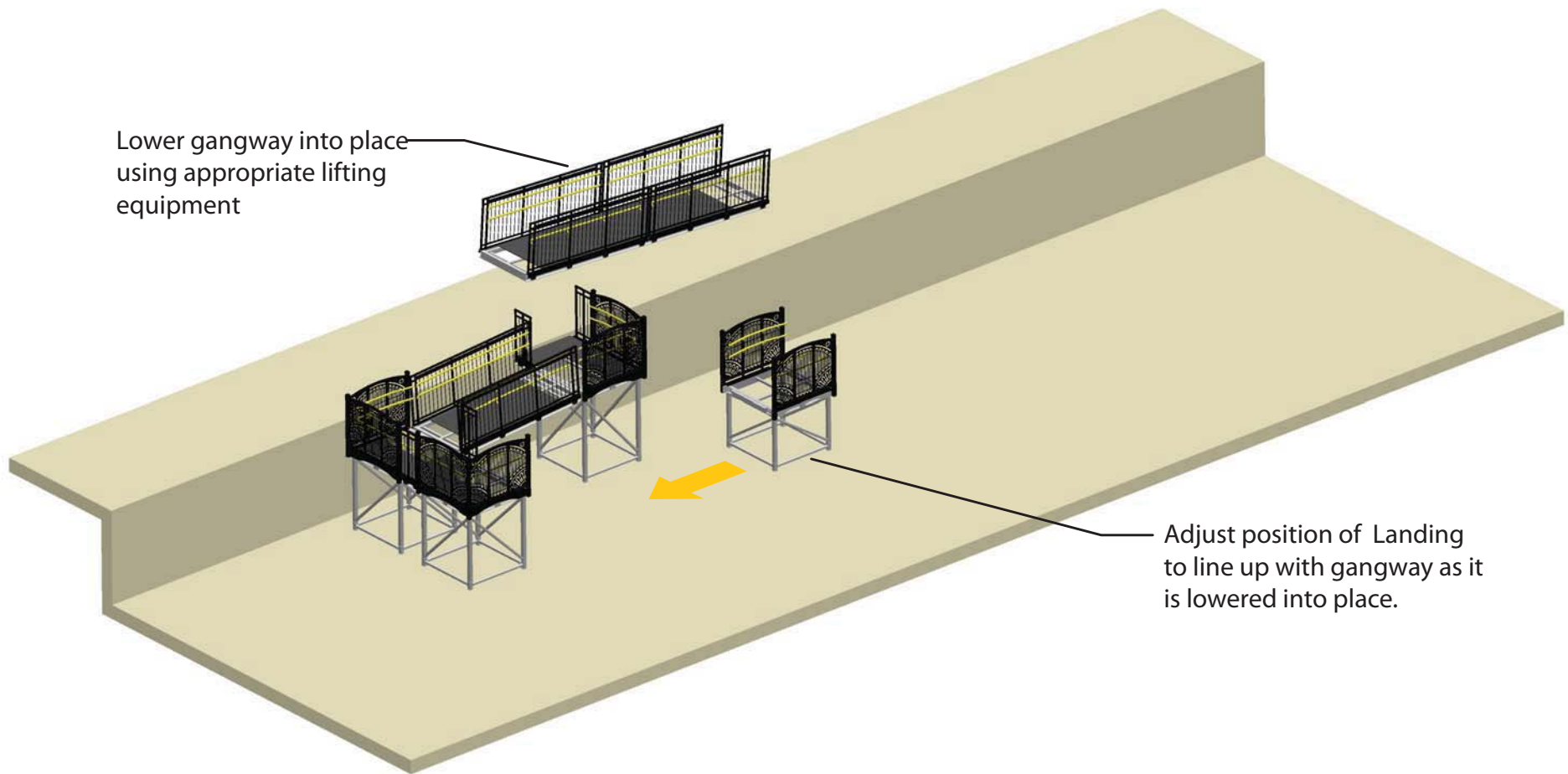
Install Landing 2



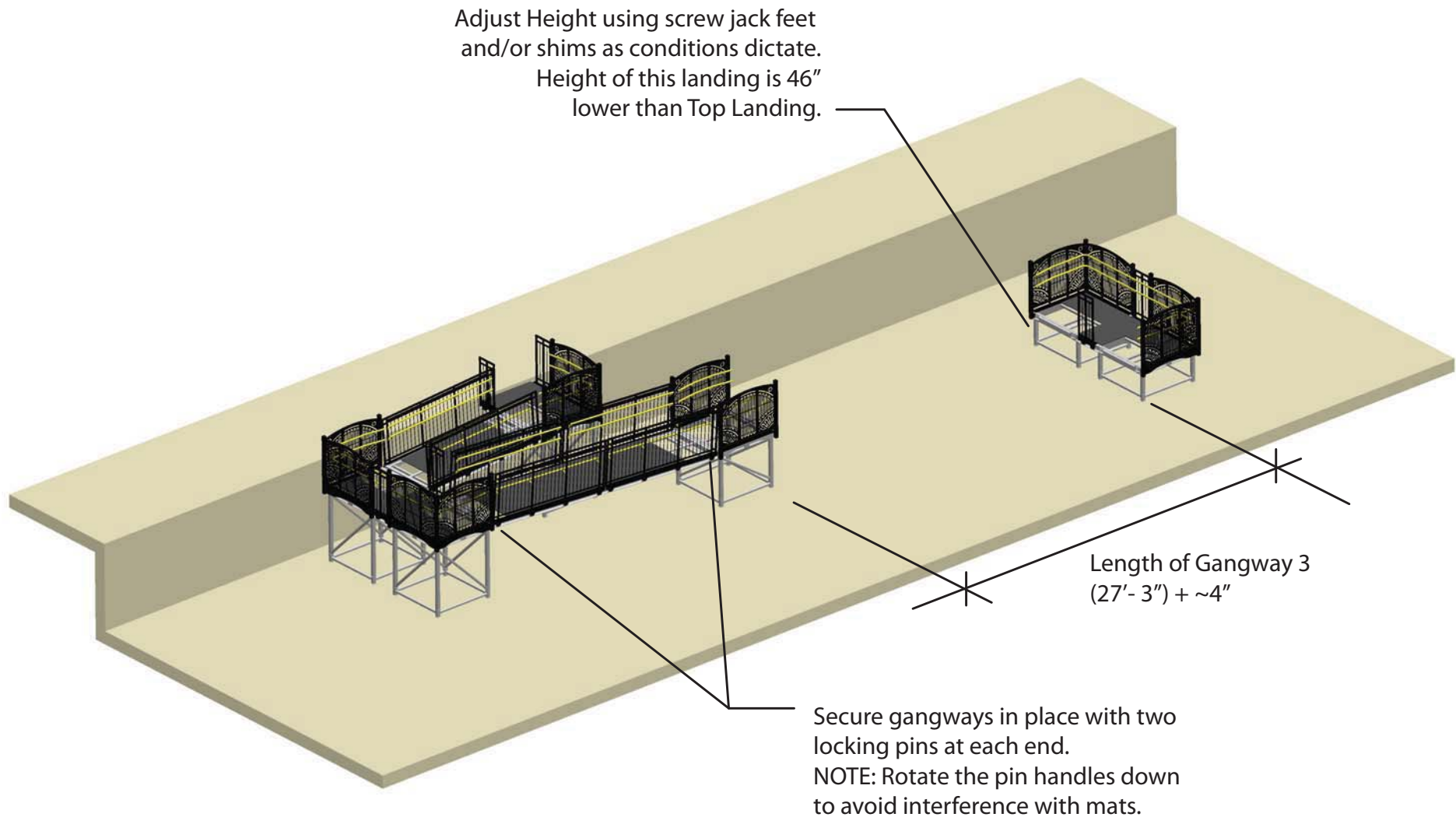
Install Gangway 2



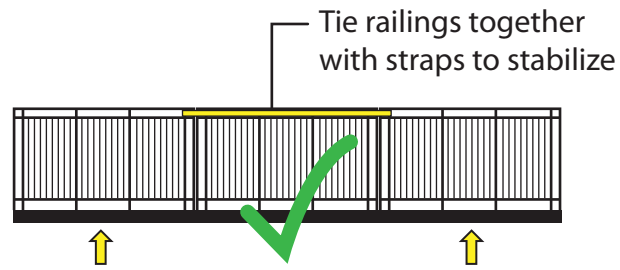
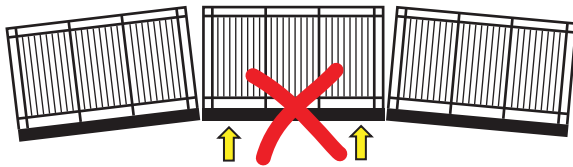
Lower gangway into place using appropriate lifting equipment



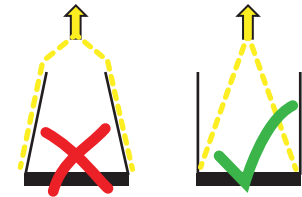
Install Landing 3



Install Gangway 3

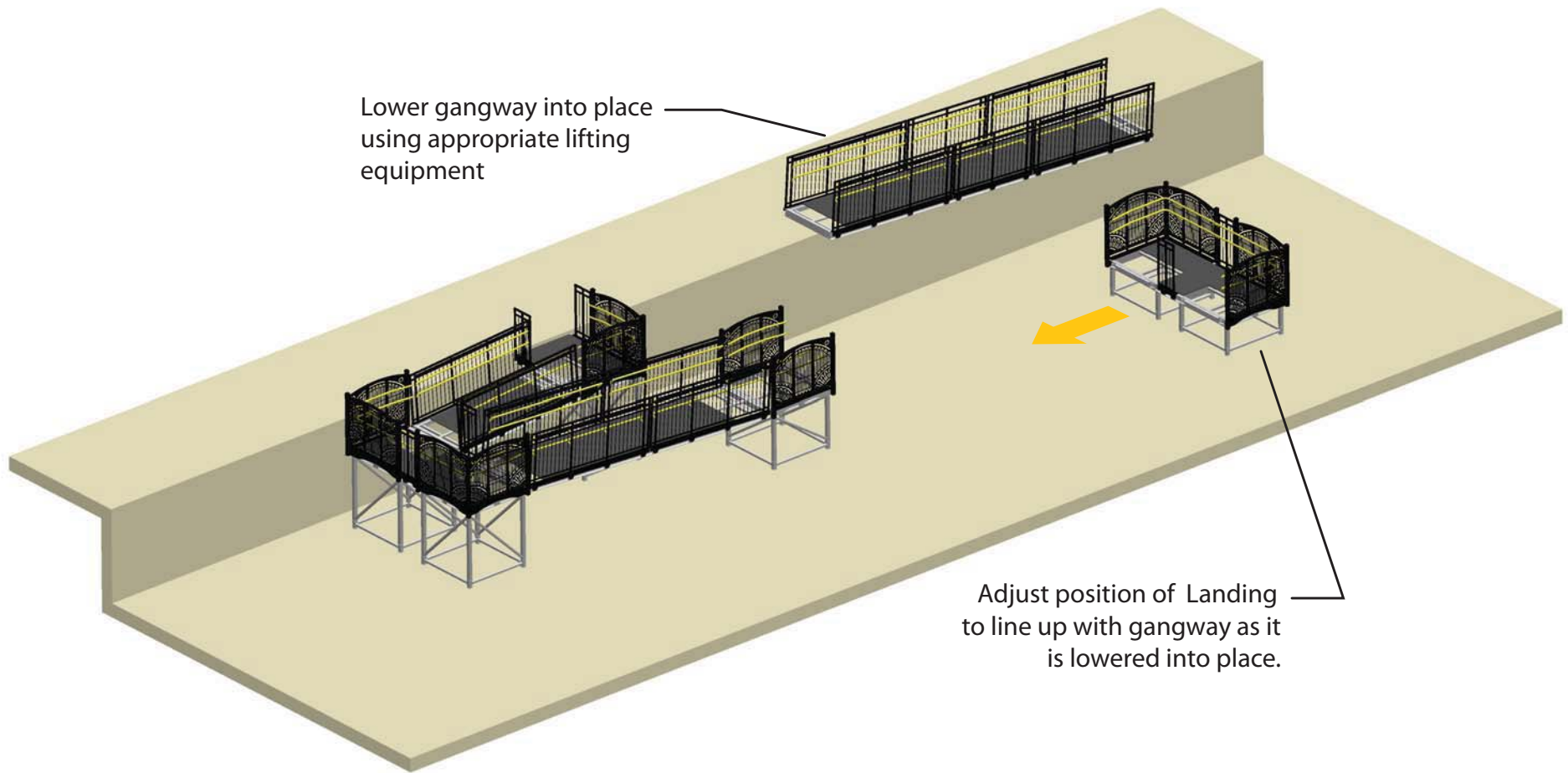


Lift from points near ends to avoid damage to gangways



All lifting straps or slings must be inside railings to avoid damage

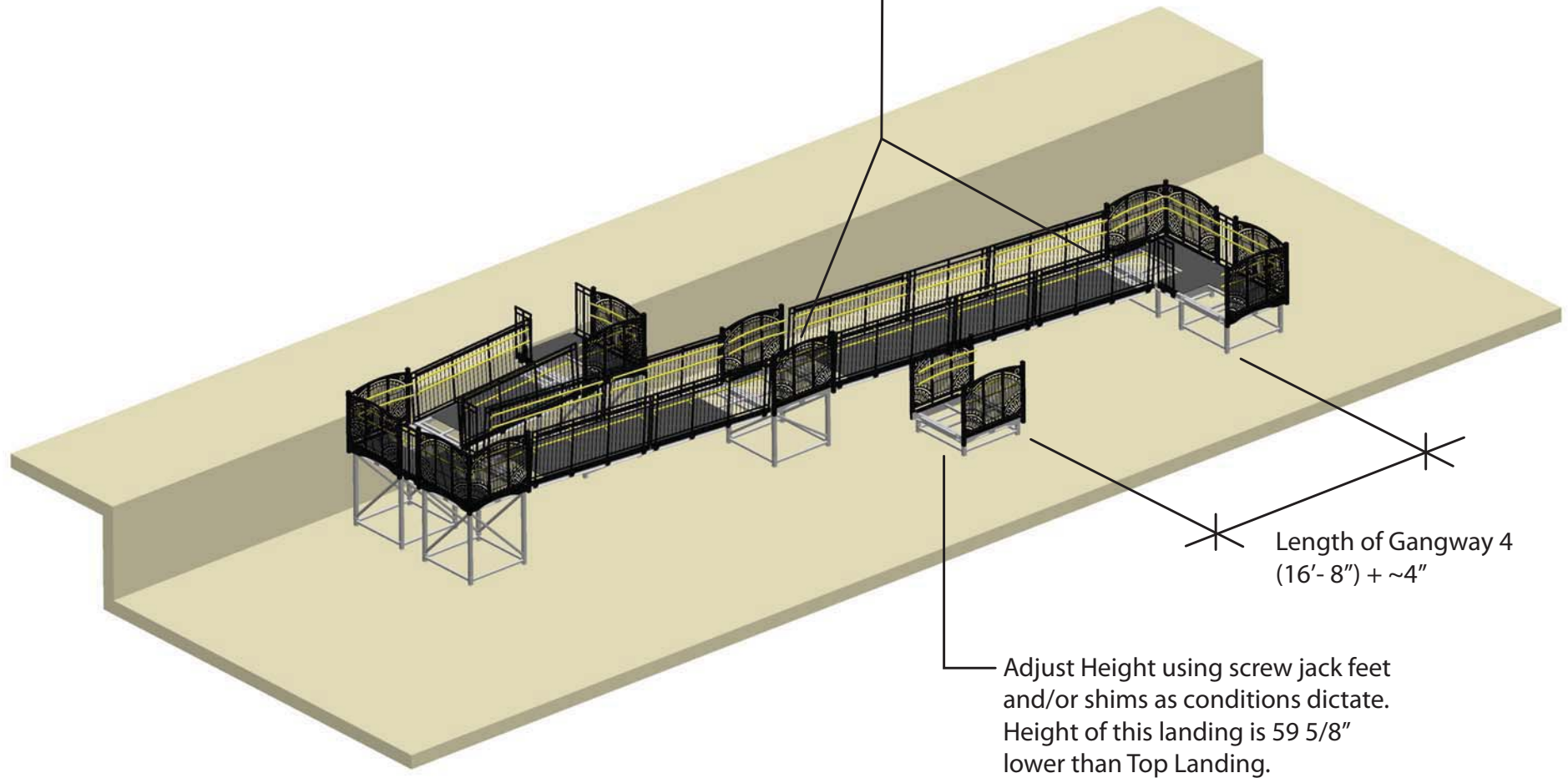
Lower gangway into place using appropriate lifting equipment



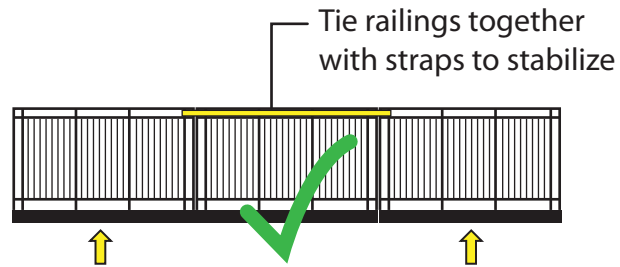
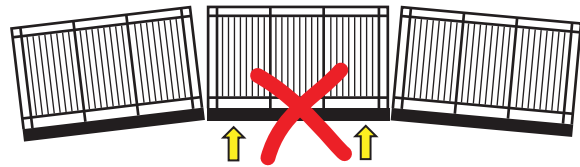
Adjust position of Landing to line up with gangway as it is lowered into place.

Install Landing 4

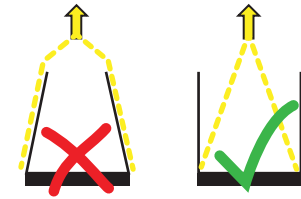
Secure gangways in place with two locking pins at each end.
NOTE: Rotate the pin handles down to avoid interference with mats.



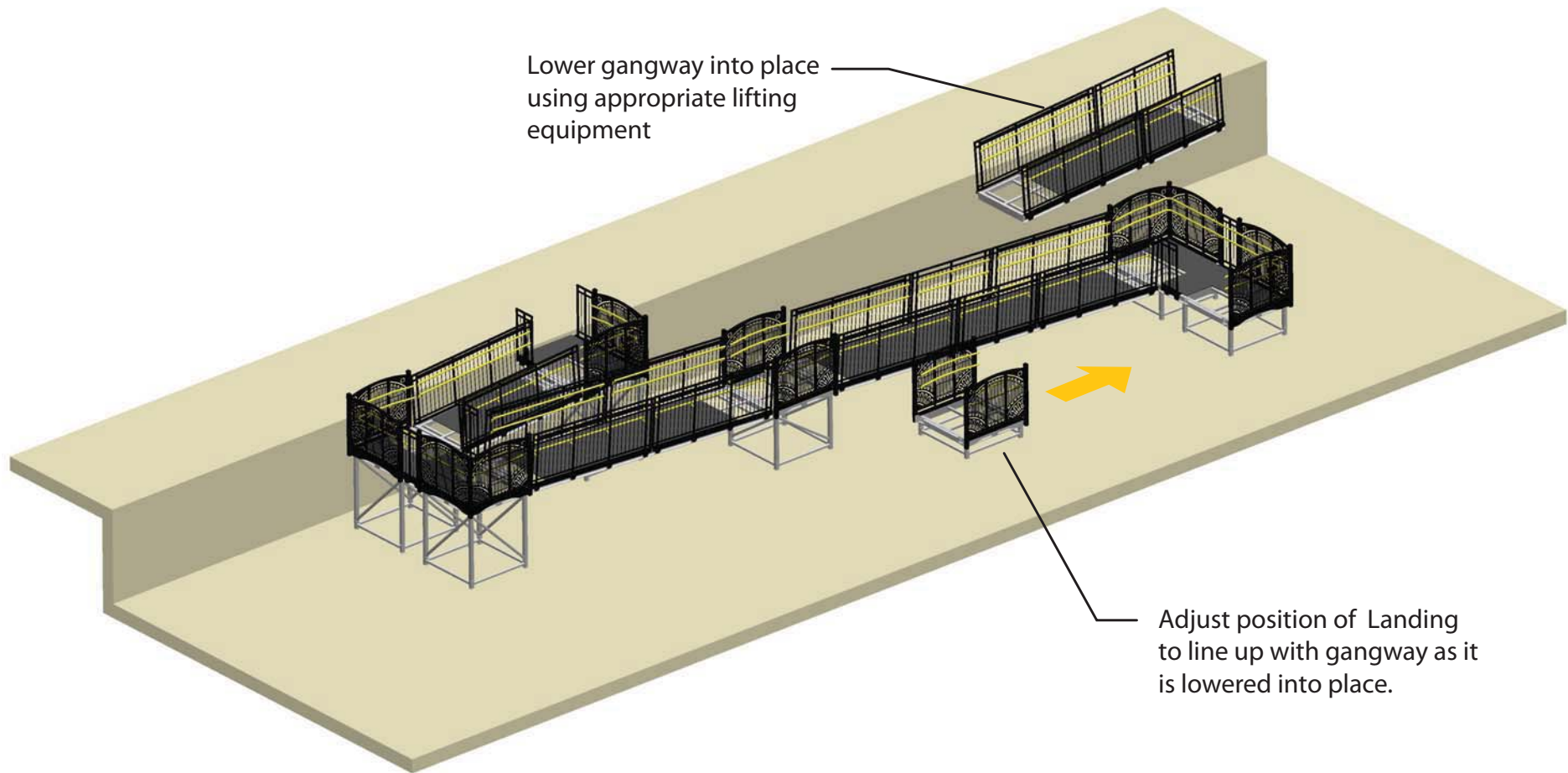
Install Gangway 4



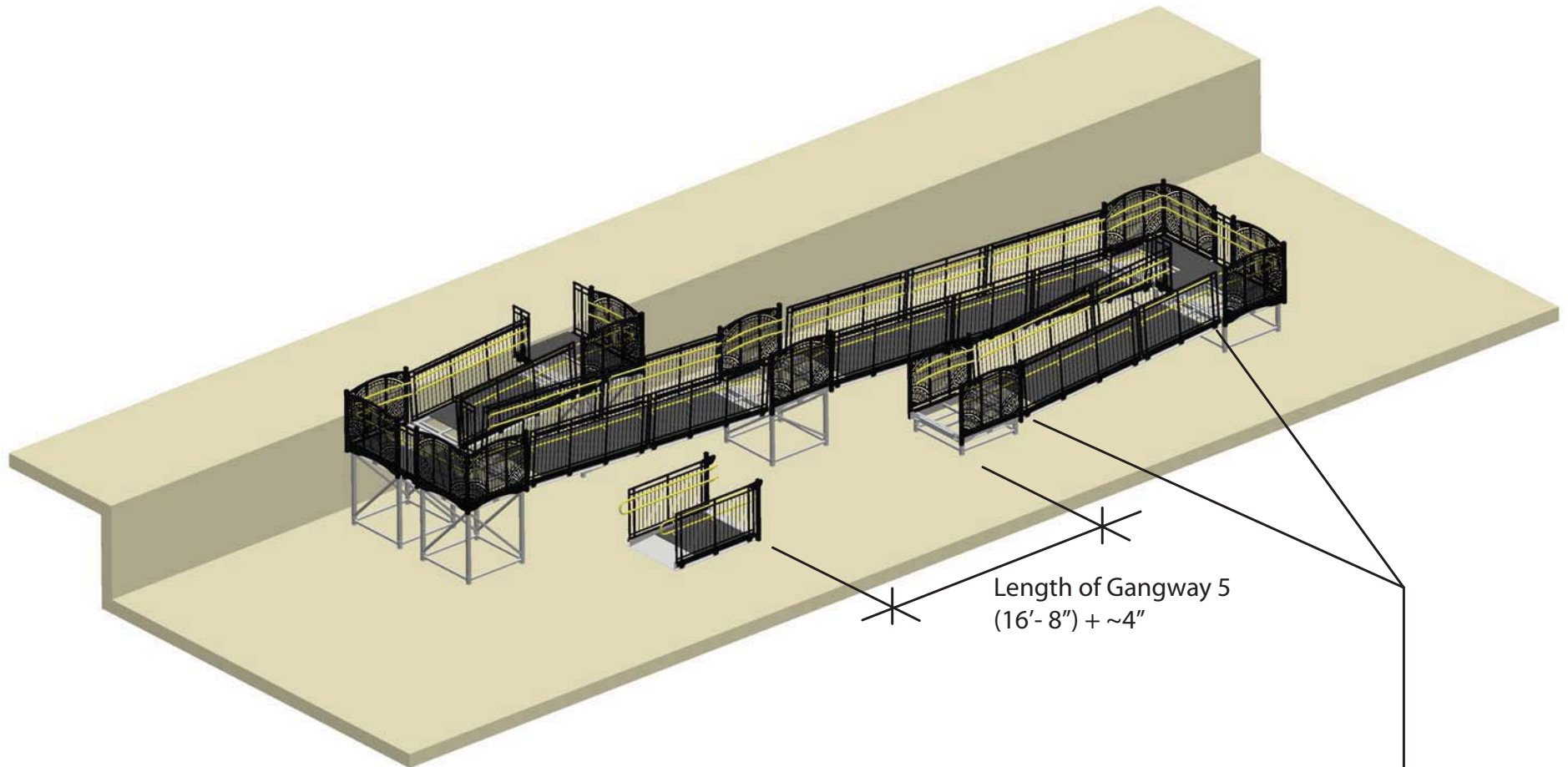
Lift from points near ends to avoid damage to gangways



All lifting straps or slings must be inside railings to avoid damage



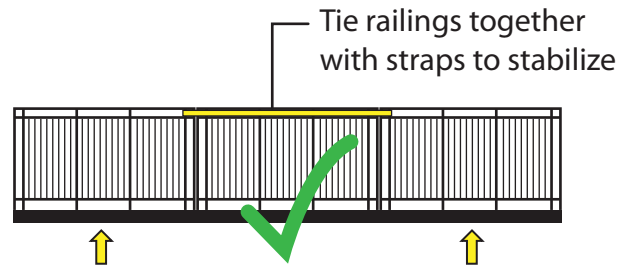
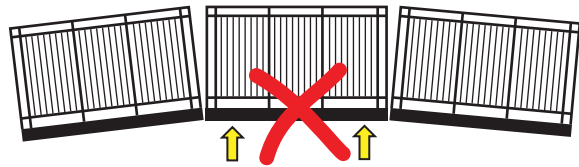
Install Lower Transition



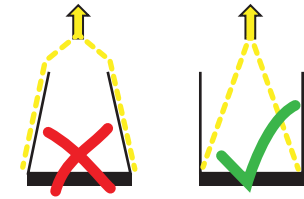
Length of Gangway 5
(16'-8") + ~4"

Secure gangways in place with two locking pins at each end.
NOTE: Rotate the pin handles down to avoid interference with mats.

Install Gangway 5

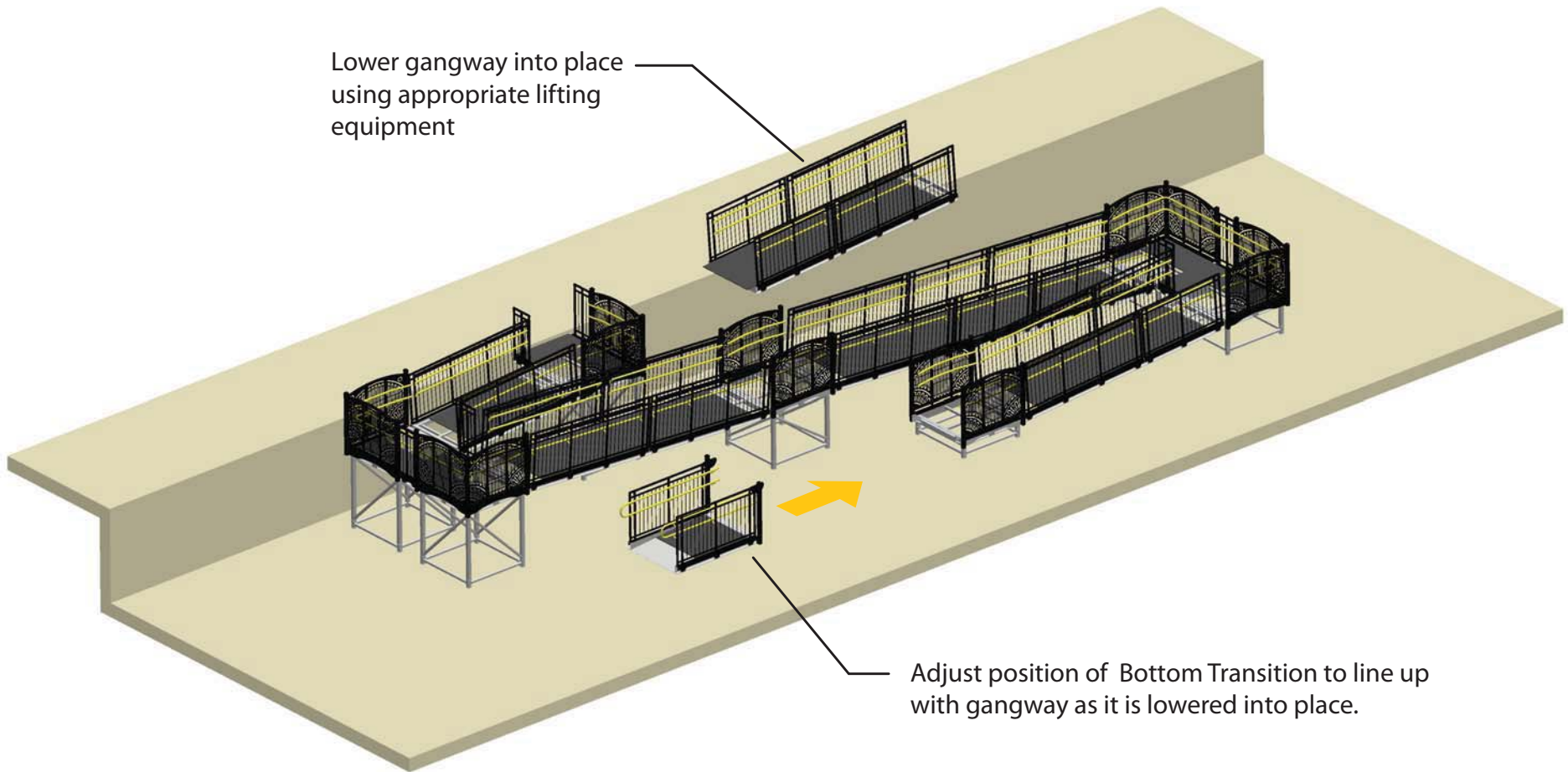


Lift from points near ends to avoid damage to gangways



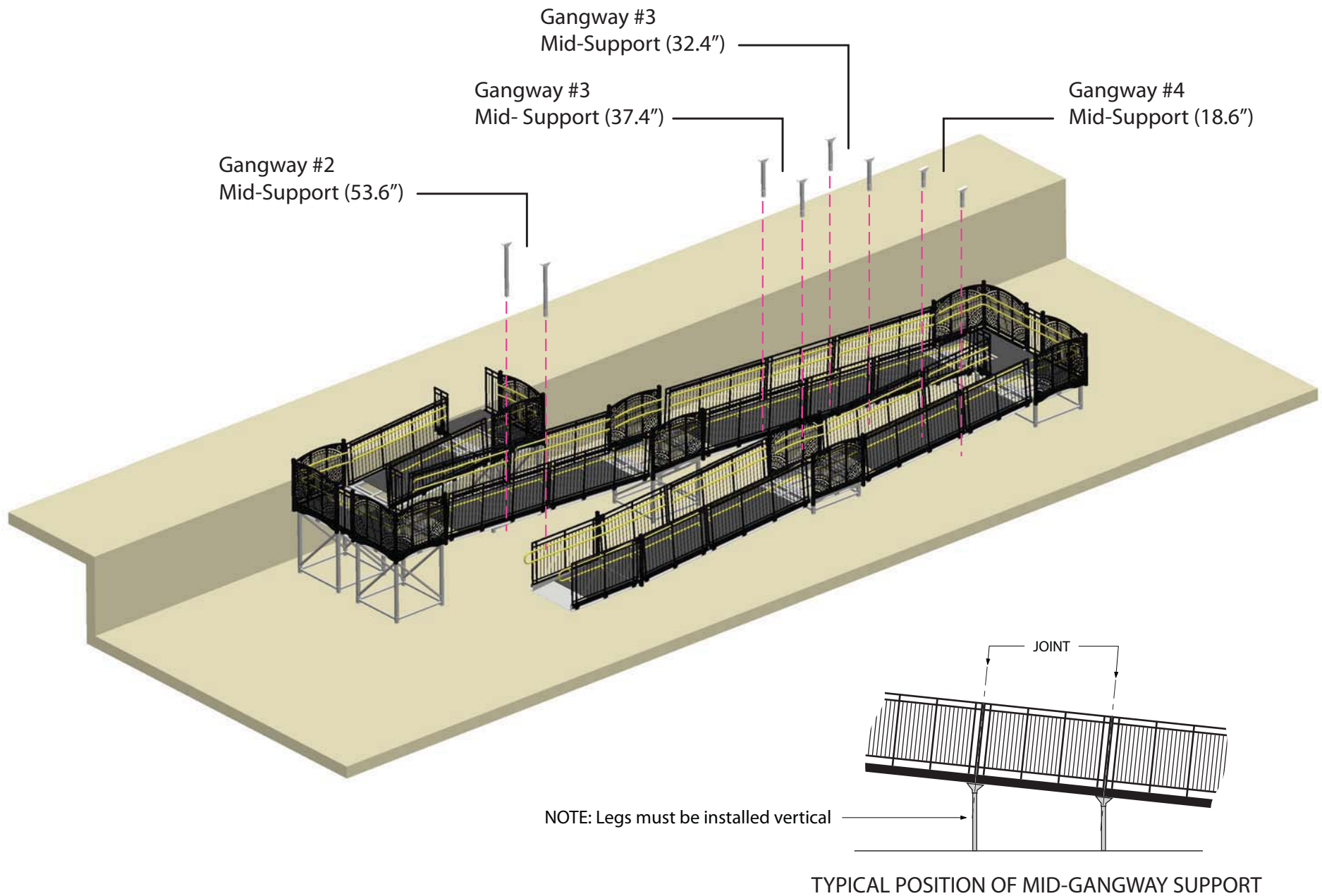
All lifting straps or slings must be inside railings to avoid damage

Lower gangway into place using appropriate lifting equipment

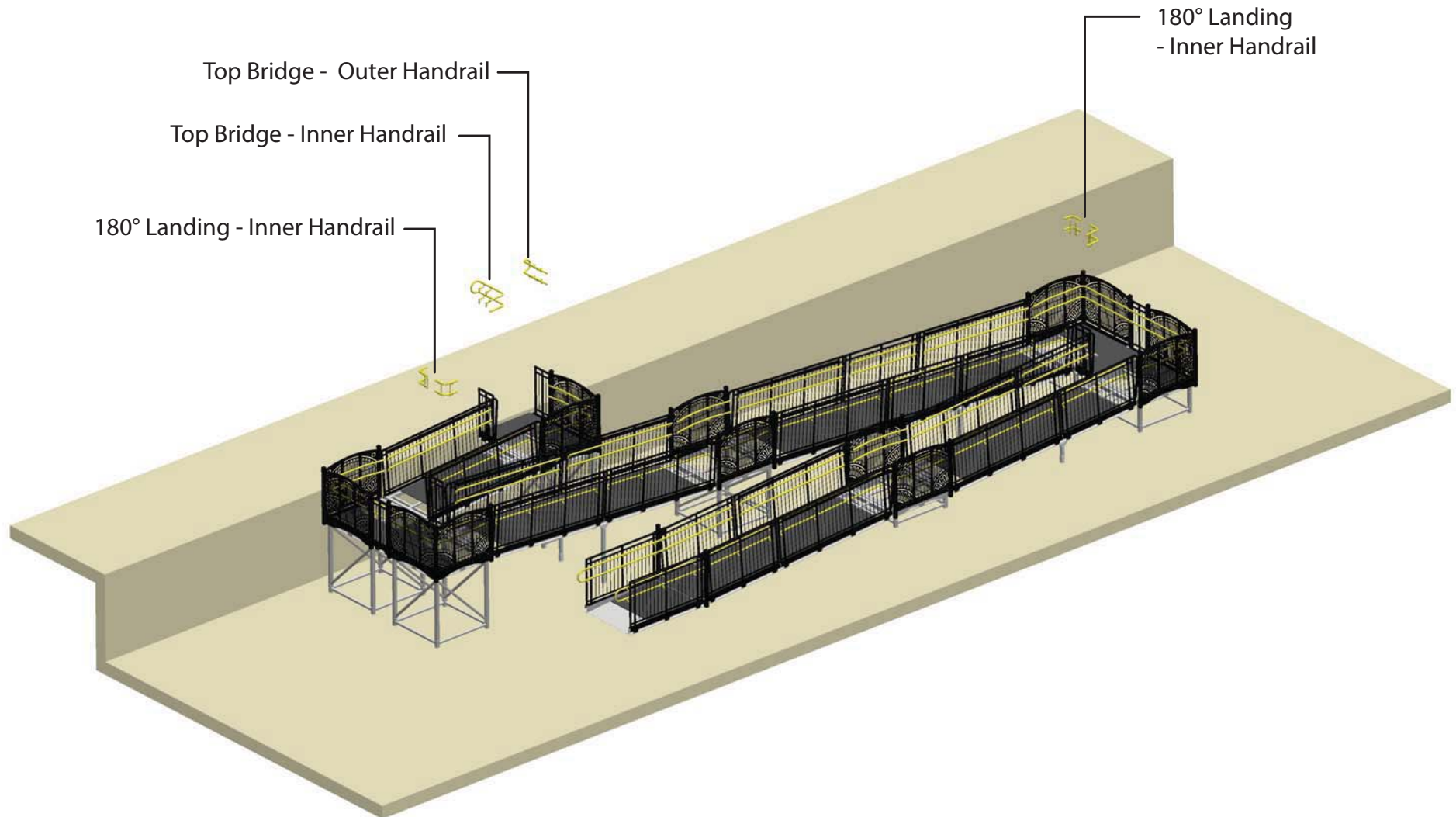


Adjust position of Bottom Transition to line up with gangway as it is lowered into place.

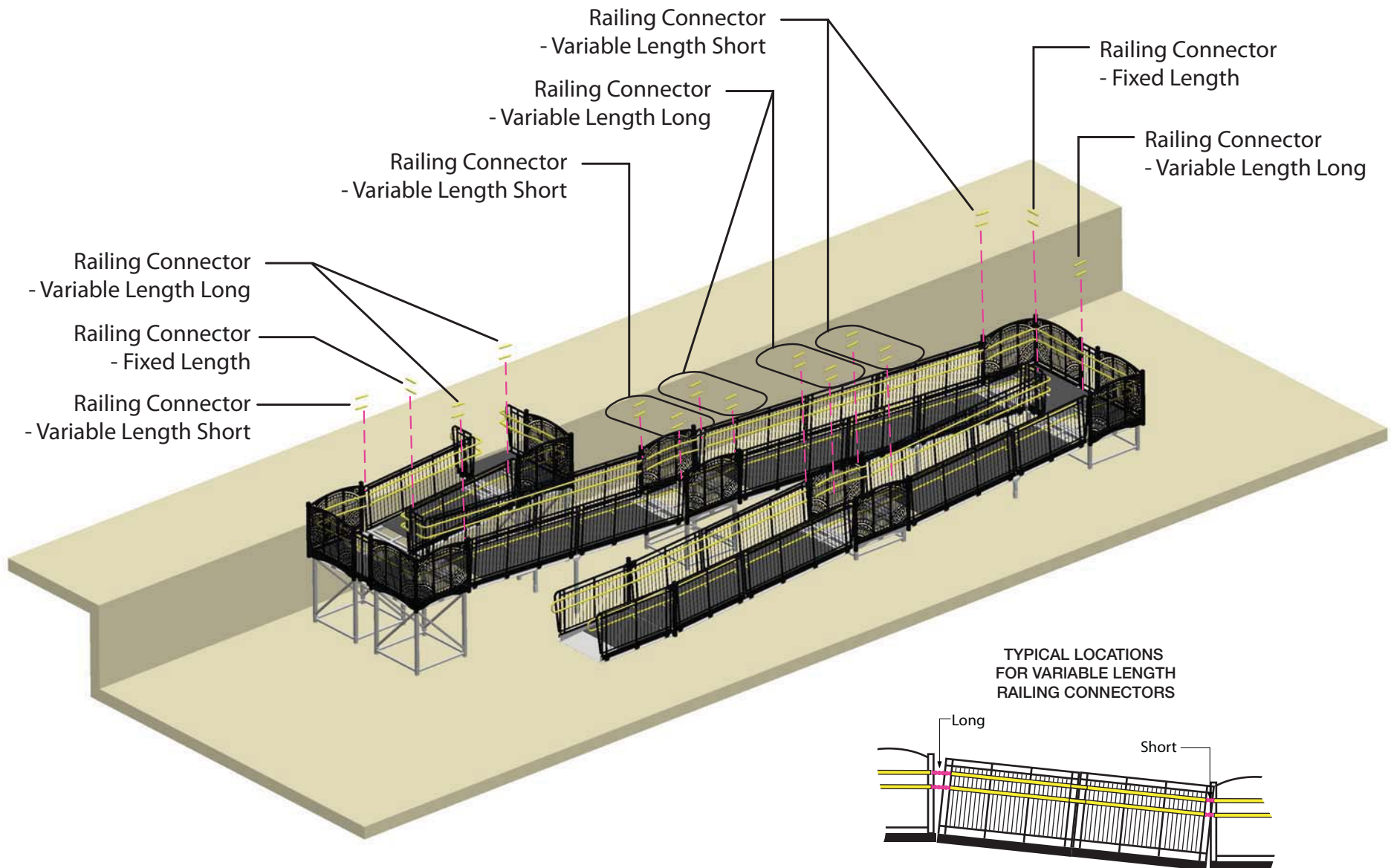
Install Gangway Supports



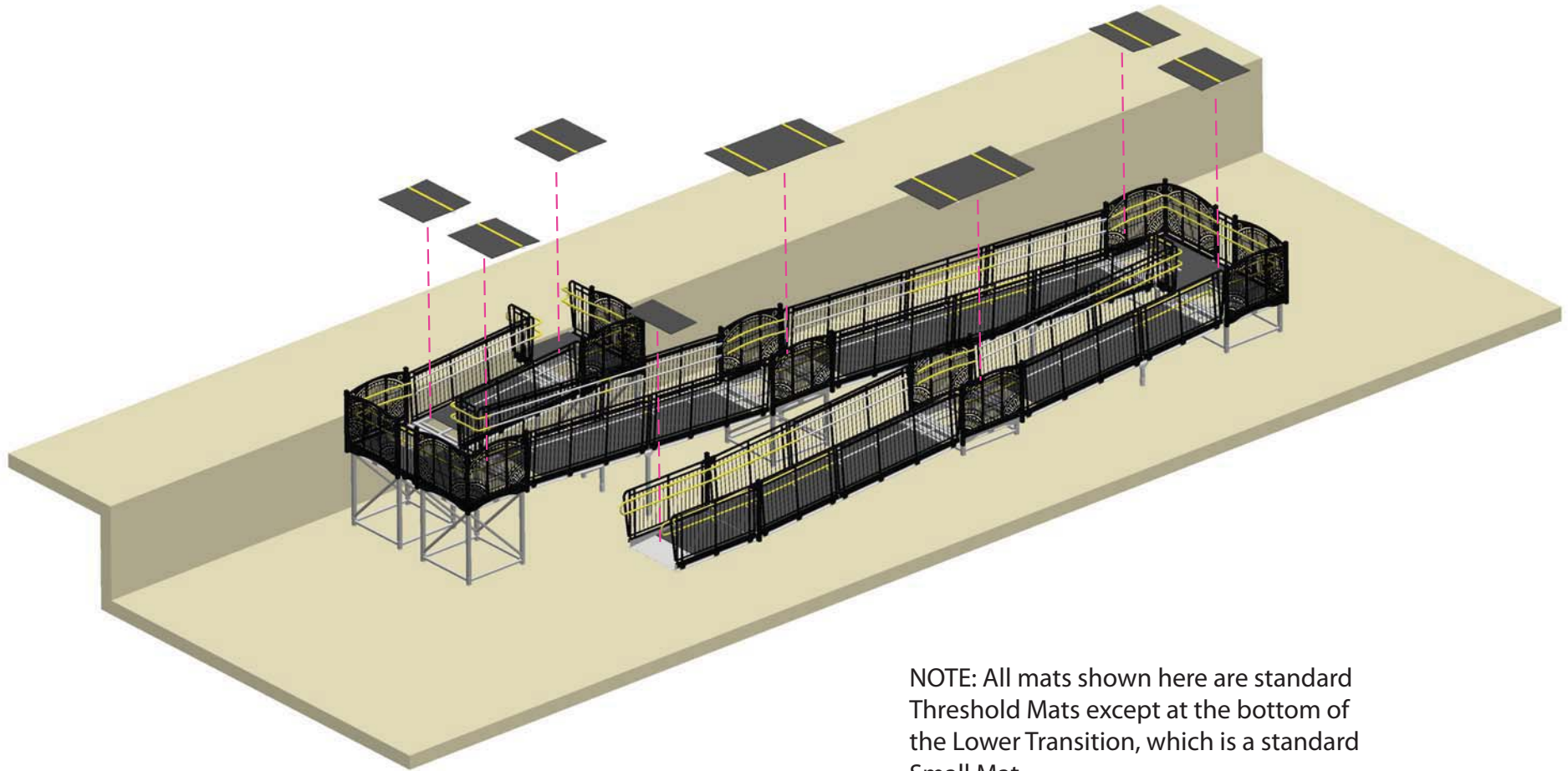
Install Railing Terminations



Install Railing Connectors



Install Transition Mats



NOTE: All mats shown here are standard Threshold Mats except at the bottom of the Lower Transition, which is a standard Small Mat.