

# MODULAR UA RAMPS | 1

## System Overview- Identification of Parts and Assemblies

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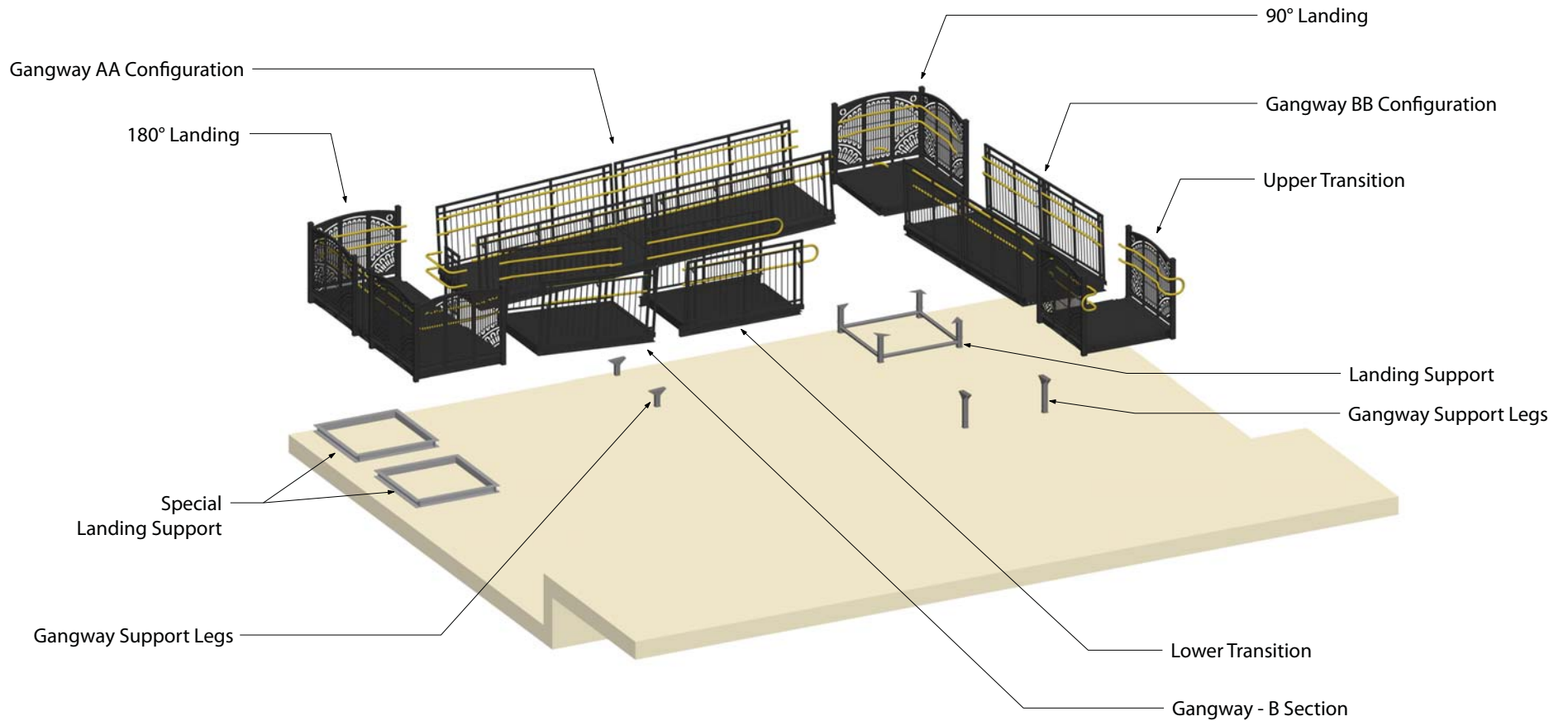
# Introduction

The Modular Ramp System is intended to be a highly flexible kit of parts that can be used to create a Universally Accessible(UA) ramp in a wide range of situations to span height differences that range from 11" to 70", while respecting all UA guidelines.

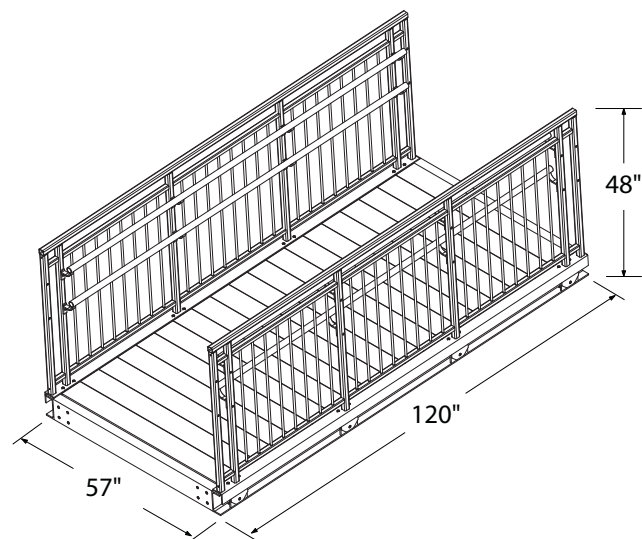
The following pages outline the components and sub-assemblies that make up the Modular Ramp System. They can be configured in many ways to suit site conditions. See the Modular Ramp System Planning Guide for further information about planning a new installation.



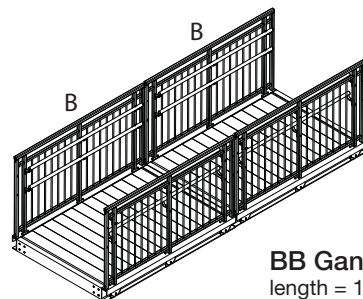
## Example Exploded Assembly



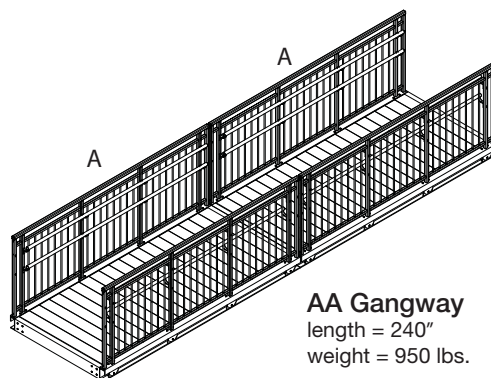
# Gangway Sections and Gangways



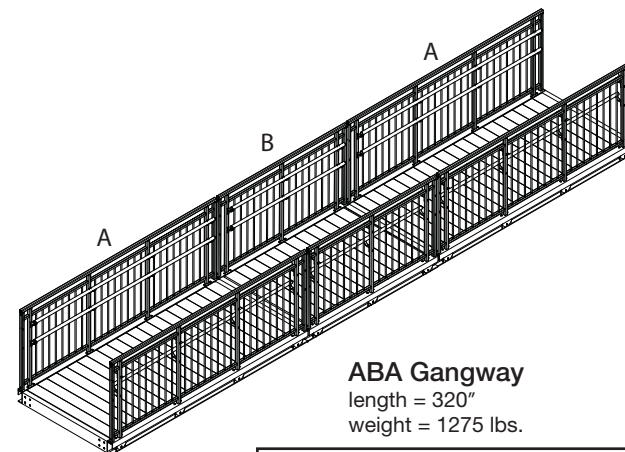
**Gangway Section A**  
weight = 475 lbs.



**BB Gangway**  
length = 160"  
weight = 650 lbs.

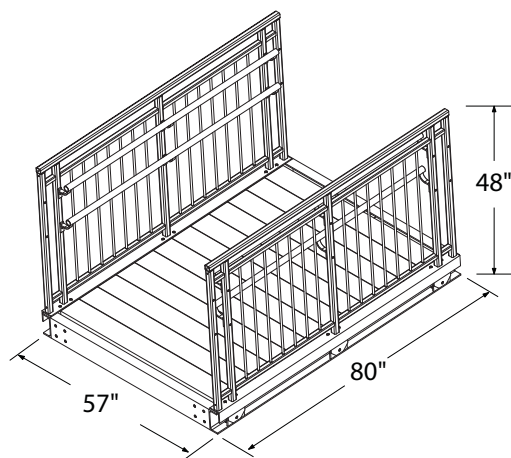


**AA Gangway**  
length = 240"  
weight = 950 lbs.

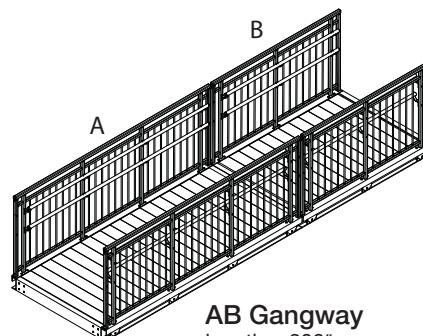


**ABA Gangway**  
length = 320"  
weight = 1275 lbs.

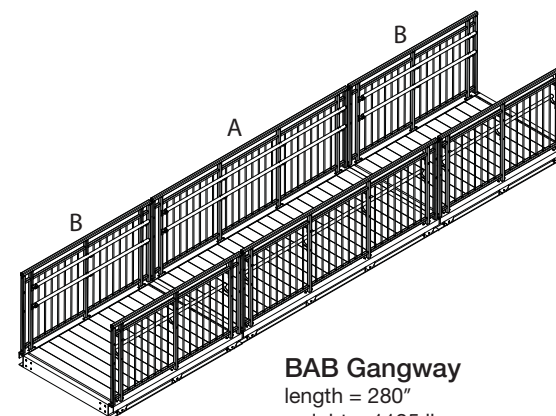
NOTE: This is the maximum allowable length of Gangway due to engineering loading considerations



**Gangway Section B**  
weight = 325 lbs.

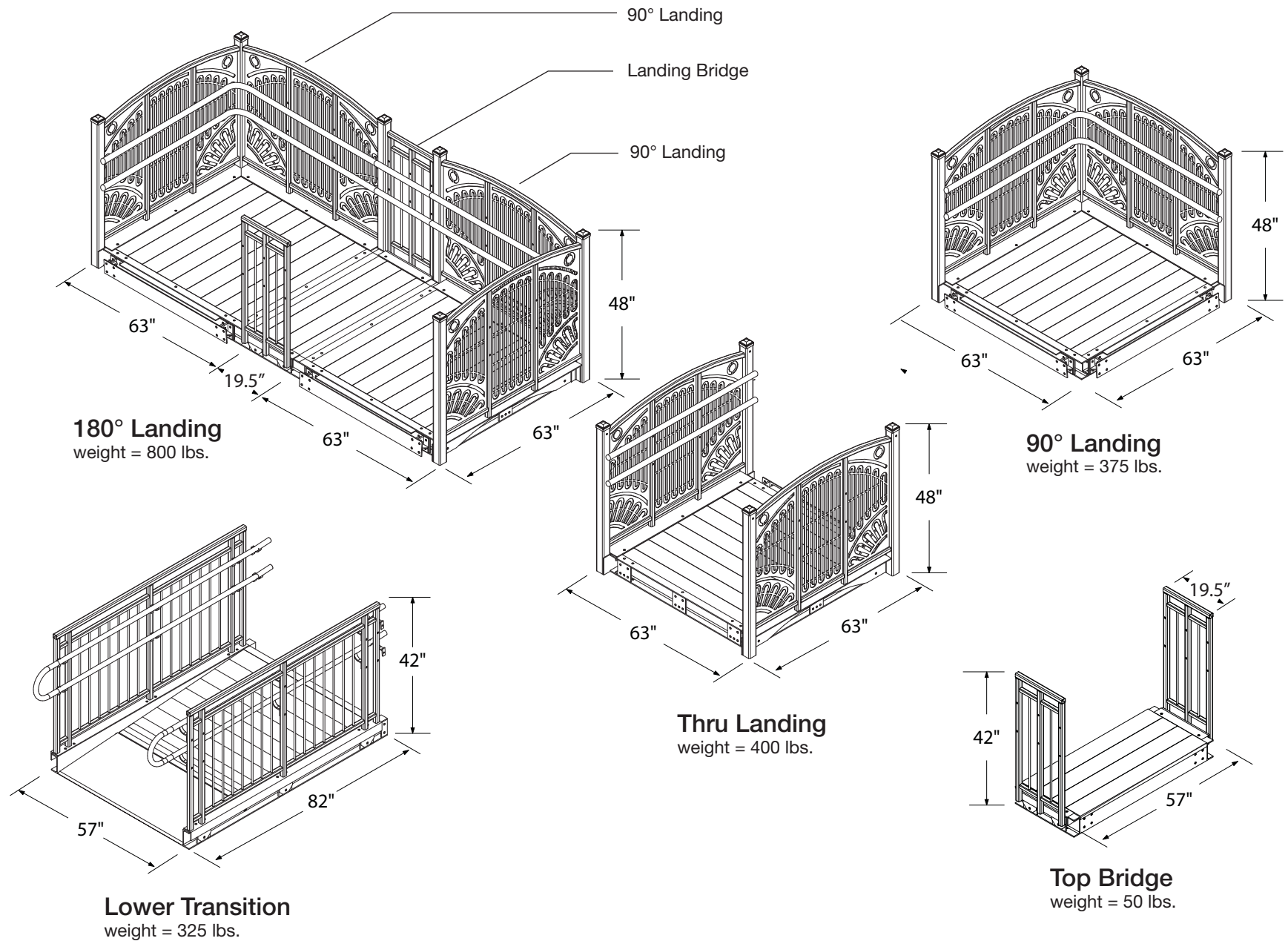


**AB Gangway**  
length = 200"  
weight = 800 lbs.

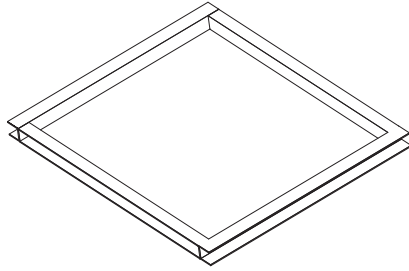


**BAB Gangway**  
length = 280"  
weight = 1125 lbs.

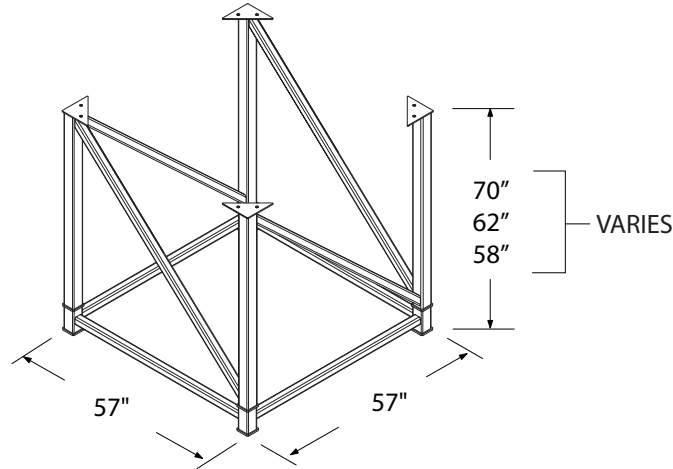
# Landings



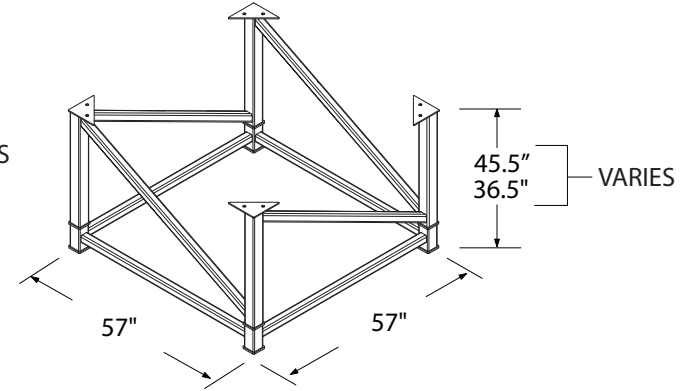
# Support Legs



**Landing Support - Special**  
weight = 35 lbs.

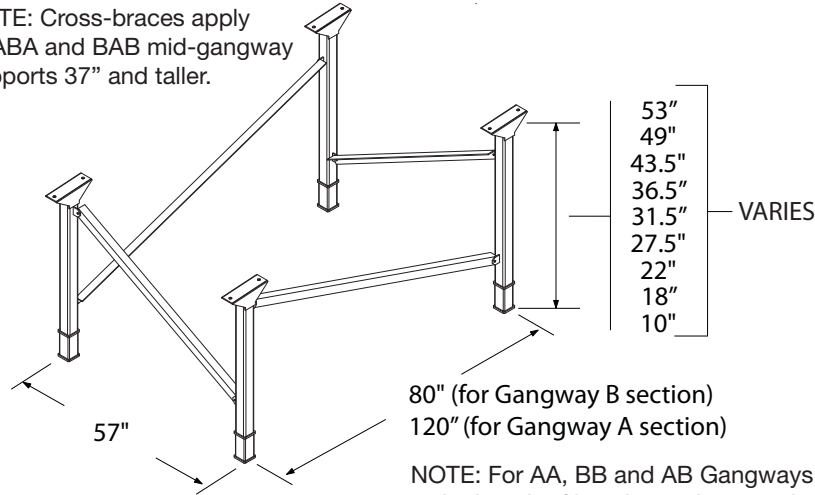


**Landing Support - High**  
weight = 100 lbs.



**Landing Support - Medium**  
weight = 80 lbs.

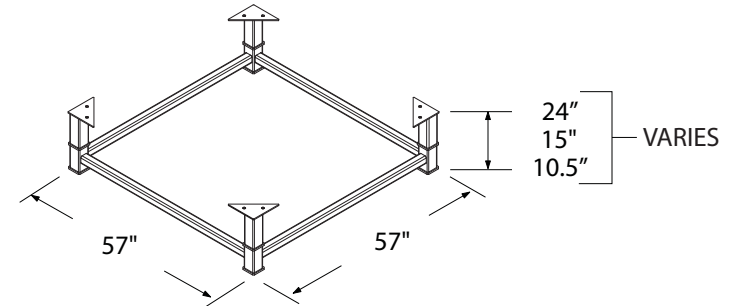
NOTE: Cross-braces apply to ABA and BAB mid-gangway supports 37" and taller.



80" (for Gangway B section)  
120" (for Gangway A section)

NOTE: For AA, BB and AB Gangways, a single pair of legs is used, centred on the joint of gangway sections

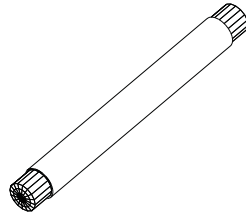
**Gangway Support Legs**  
weight = 70 lbs.



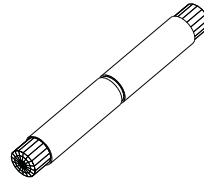
**Landing Support - Small**  
weight = 45 lbs.



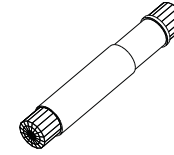
# Rail Components & Connectors



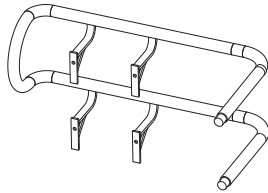
**Railing Connector  
- Fixed**



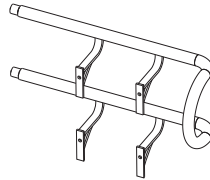
**Railing Connector  
- Variable Length Long**



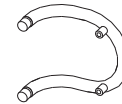
**Railing Connector  
- Variable Length Short**



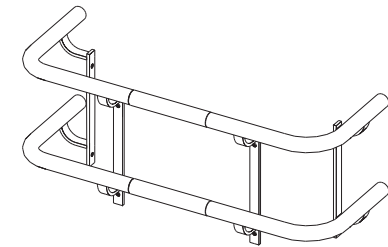
**Top Bridge  
- Inner Handrail  
(Right and Left  
Configurations)**



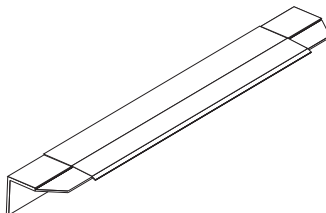
**Top Bridge  
- Outer Handrail  
(Right and Left  
Configurations)**



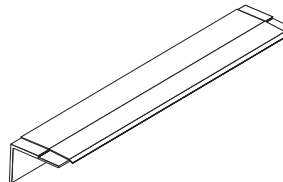
**Rockcliffe Ramp-  
Top Termination  
(Right and Left  
Configurations)**



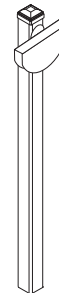
**180° Landing - Inner Handrail Ass'y  
(Right and Left Configurations)**



**Top Threshold  
- Standard**



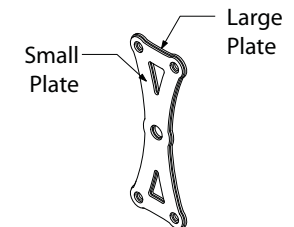
**Top Threshold  
- Rockcliffe Ramp**



**Lower Guardrail  
Mating Post**

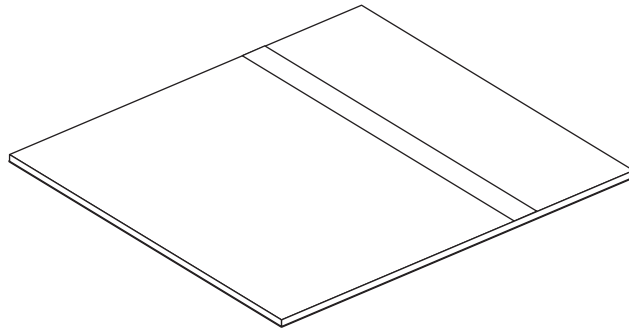


**Guardrail  
Termination**

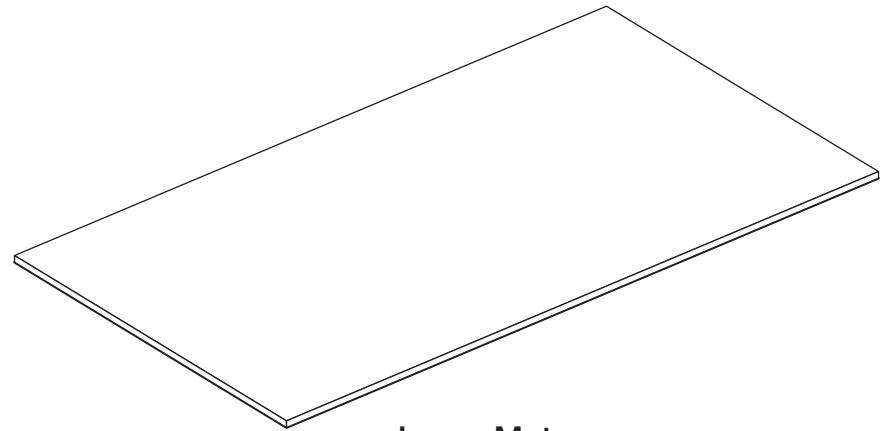


**Guardrail  
Connection  
Plate Assembly**

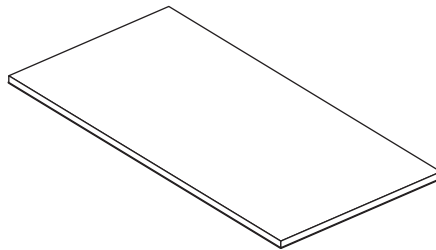
## Miscellaneous Parts



**Threshold Mat**  
weight = 50 lbs.



**Large Mat**  
weight = 100 lbs.



**Small Mat**  
weight = 20 lbs.