

# UPSIDE INNOVATIONS



Commercial and Industrial Access Products





# UPSIDE IDEAS

## What's in a name?

**upside** - *adjective* /'əp·sīd/

Above and beyond the expectations, achieving a higher level of performance

**innovations** - *noun* /,inə 'vāSH(ə)n/

New and ingenious designs and services to solve existing problems in a manner that no company has done before

When we recognize opportunities to enhance our products and services that will benefit our customers, we adapt. Through our focused and adaptive approach to the demands of the market, we provide the highest quality aluminum access products and services.

**We promise.**

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# Aluminum Ramps

ADA/IBC Compliant

Upside’s all-aluminum ramp systems are designed internally by our experienced engineering team. Aluminum’s high tensile strength and maintenance-free properties make it the ideal material for any commercial application. All ramps are made to ADA/IBC specifications to pass any site inspection.



Slip-resistant walking surface.

Continuous handrails complete with handrail loops and returns.

Adjustable platform and ramp legs for increased installation flexibility.

Upside ramps are pre-fabricated in 8- or 10-foot sections, so the product can be installed quickly and easily.



*“beautiful piece of craftsmanship”*

-Louis Conti, Caisson Technology

**Clean finish**

Designed with hidden welds

**Maintenance-free solution**

No rusting, warping, or rotting

**Optimal strength-to-weight ratio**

High tensile strength, but 1/3 the weight of structural steel

**Custom layout drawings**

Internal engineering staff provides detailed layout drawings

**Professional installation**

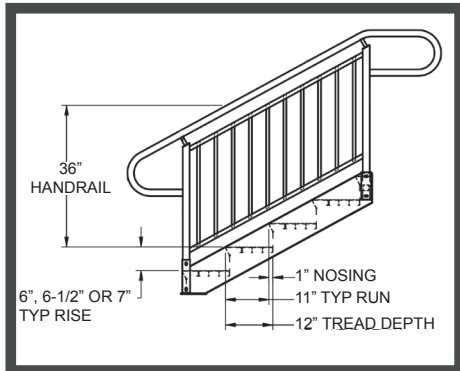
We utilize only internally certified installers



# Aluminum Steps

ADA/IBC Compliant

The Americans with Disabilities Act (ADA) and the International Building Code (IBC) give guidelines for every ramp and step system that will be used by the public. The guidelines ensure that the general population will be able to safely enter and exit commercial buildings.



## Regulations that are often overlooked by other manufacturers:

1. It is required to keep all step risers equal to each other, including the rise from the ground to the first step.
2. IBC 2015: 1011.5.5 Nosing and Riser Profile. "The leading edge (nosings) of treads shall project not more than 1 1/4 inches (32mm) beyond the tread below, and nosing projections of the leading edges shall be of uniform size, including the projections of the nosing's leading edge of the floor at the top of a flight."

## Second-story application



## Step, ramp, and canopy configuration







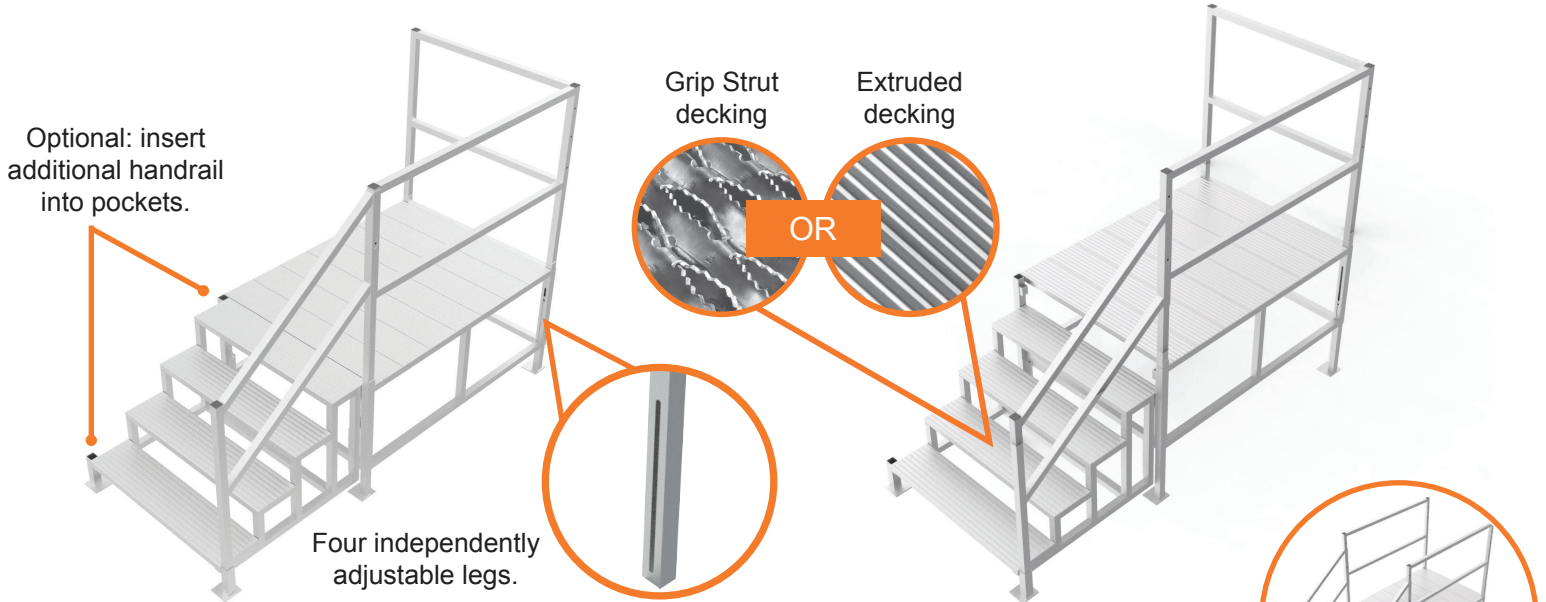
# Aluminum Dual Steps

OSHA Compliant

The Occupational Safety and Health Administration (OSHA) sets forth standards for all aspects of working conditions to ensure that all employees have a safe working environment. Upside's Dual Steps comply with the current OSHA guidelines.

28"/35" Dual Step at 28" Height

28"/35" Dual Step at 35" Height



Pictured: 28"/35" T-Bone Dual Step at 35" Height. The T-Bone steps run perpendicular to the building whereas the standard Dual Steps run adjacent to the building. \*All sizes are available as T-Bone Dual Steps.



Standard Heights:  
28"/35"  
35"/42"  
42"/49"

The Dual Step is designed to have two height options. The 28"/35" Dual Step can be set at either 28 inches or 35 inches from the ground. At 28 inches, there are three step treads, and the fourth step tread acts as an extension of the platform. At 35 inches, the fourth step is no longer part of the platform because the platform is raised up 7 inches.

**Simple assembly**

Assembled with 9/16" wrench and only five bolts

**Maintenance-free solution**

No rusting, warping, or rotting

**Optimal strength-to-weight ratio**

Distributed load = 100 lbs. per square foot, weight = 117 lbs.

**Weather-proof design**

Drain holes in step legs to prevent ice damage

**Increased adjustability**

Four independently adjustable platform legs



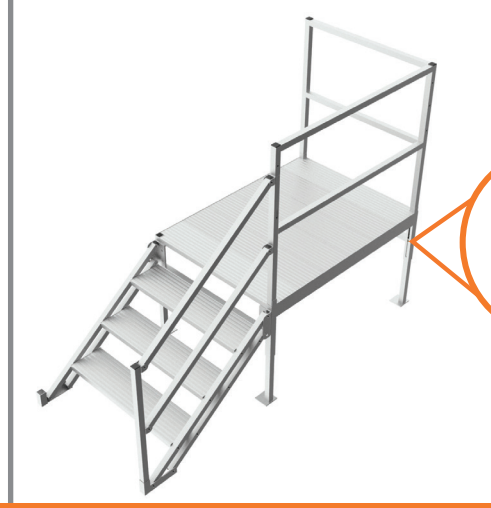
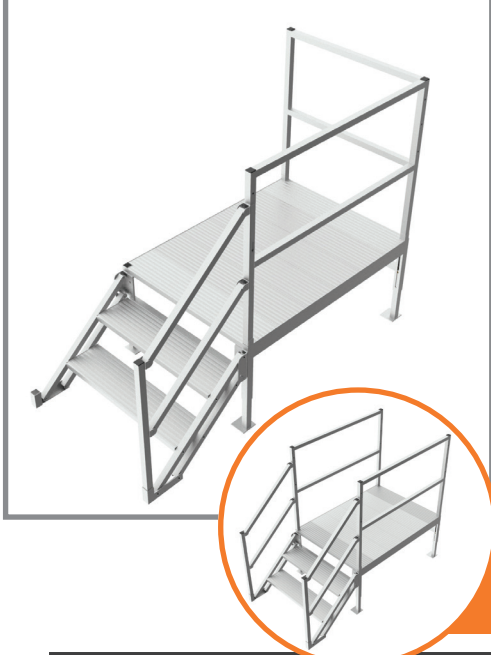
# Aluminum Omni Steps

OSHA Compliant

21" - 26" Adjustable Omni Step

28" - 35" Adjustable Omni Step

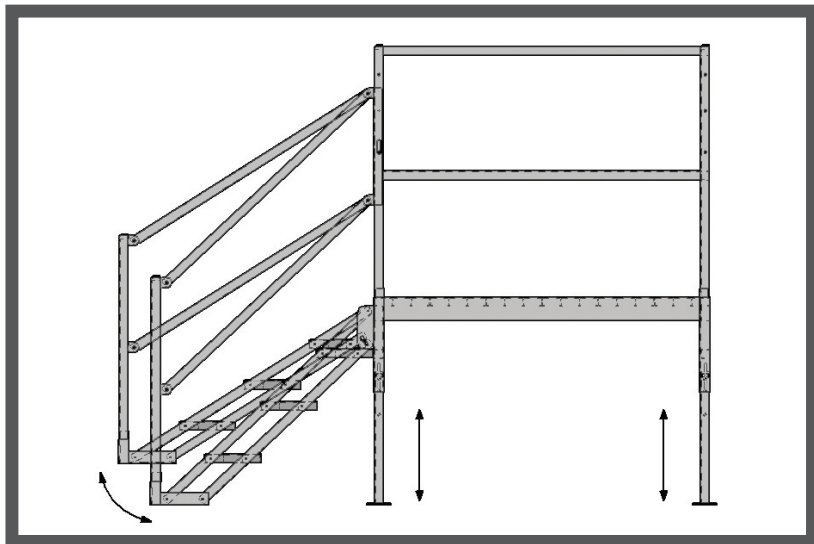
35" - 44" Adjustable Omni Step



Pictured: 21" - 26" T-Bone Omni Step. This style of step is perpendicular to the building whereas the standard Omni Step runs adjacent to the building. \*All sizes are available as T-Bone Omni Steps.

## How it works:

The Omni Step uses a pivoting riser assembly to adjust the step to any height within the two outer limits as the individual step heights grow or shrink equally. Set the adjustable platform at the threshold, attach the step riser to the platform, and let the step pivot down to the ground.



8.5' - 10.5' Adjustable Omni Step



The adjustable legs and pivoting steps make the Omni Step the perfect solution for uneven terrain on any project site.

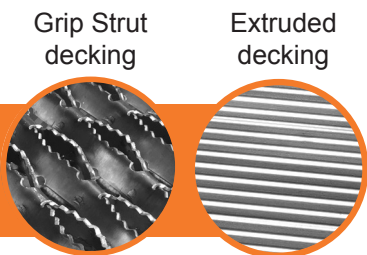
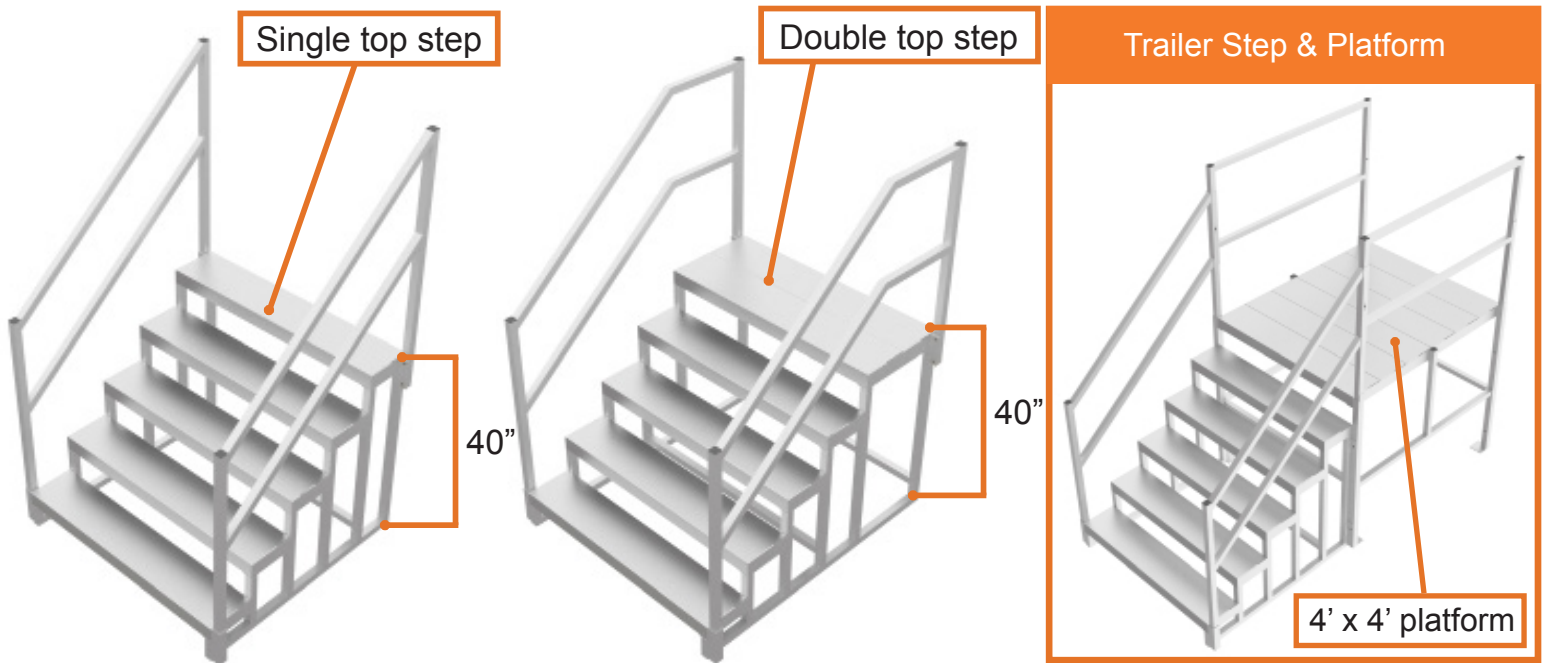




# Trailer Steps

OSHA Compliant

The Occupational Safety and Health Administration (OSHA) sets forth standards for all aspects of working conditions to ensure that all employees have a safe working environment. Upside's Trailer Steps comply with the current OSHA guidelines while providing safe travel in and out of a semi trailer.



The standard Upside Trailer Steps are 40" high, so the last 8 inches step up into the 48" trailer. As shown above, the Trailer Steps can have either a single top step or a double top step depending on the user's preference.

|   |   |
|---|---|
| <b>Aggressive tread</b>                 | Heavy duty 3" Grip Strut channel                              |
| <b>Optimal width</b>                    | 4' wide to allow two-way traffic                              |
| <b>Safe design</b>                      | Step rails on both sides of the step for increased stability  |
| <b>Optimal strength-to-weight ratio</b> | Lightweight yet high tensile strength                         |
| <b>Relocatable</b>                      | Only weighs 95 lbs. so that it can be lifted into the trailer |



# Warehouse Steps

OSHA Compliant or ADA/IBC Compliant

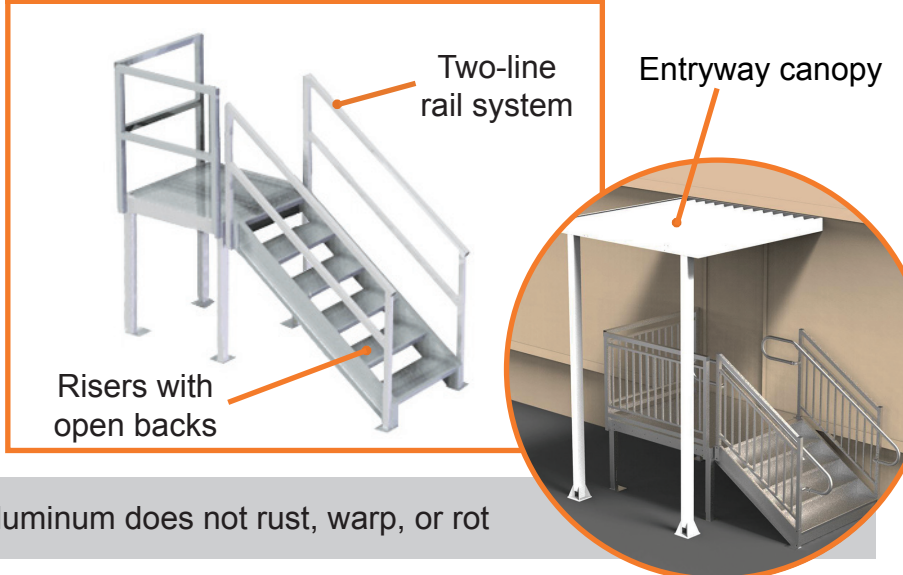
## ADA-Compliant T-Bone loading dock step



### ADA-Compliant loading dock step



### OSHA-Compliant loading dock step



**Weather-resistant**

Aluminum does not rust, warp, or rot

**Specially engineered**

Engineered specifically for loading dock heights

**Safe design**

Step rails on both sides of the step for increased stability

**Optimal strength-to-weight ratio**

Lightweight yet high tensile strength

**Variety of design options**

Choose the best tread style and rail system for your application

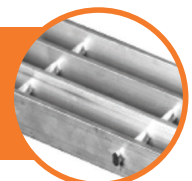
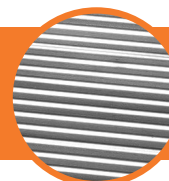
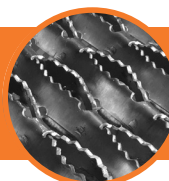
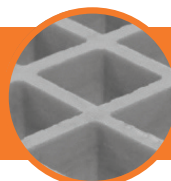
Fibergrate

Grip Strut decking

Extruded decking

Bar grating

Choose your preferred decking for loading dock steps.







# Custom Steps

OSHA Compliant or ADA/IBC Compliant

## Single-story OSHA-Compliant steps



**Perfect height. Any platform size. Any layout.**

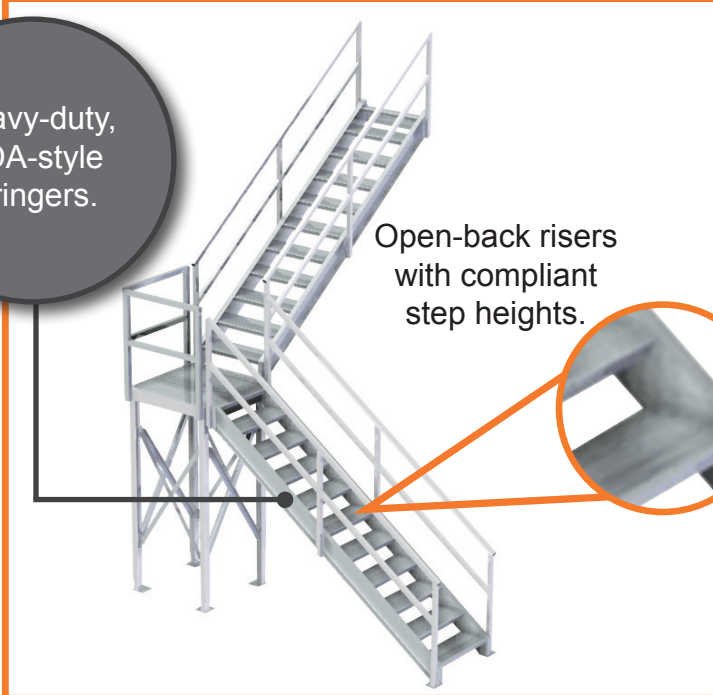
The Dual Step or Omni Step may not be the perfect fit for every application, so Upside will engineer a custom OSHA step at any height with any size platform.

## Second-story OSHA-Compliant steps



ADA-Compliant step at custom door height

Heavy-duty, ADA-style stringers.



Open-back risers with compliant step heights.

## Second-story steps and ramp for complete access

This project features a deck on the upper level of the building that leads to a switchback staircase. The staircase lands on the lower level where there is another door. From the lower-level door, there is an ADA-compliant switchback ramp that wraps around the underside of the steps and transitions smoothly to the ground.



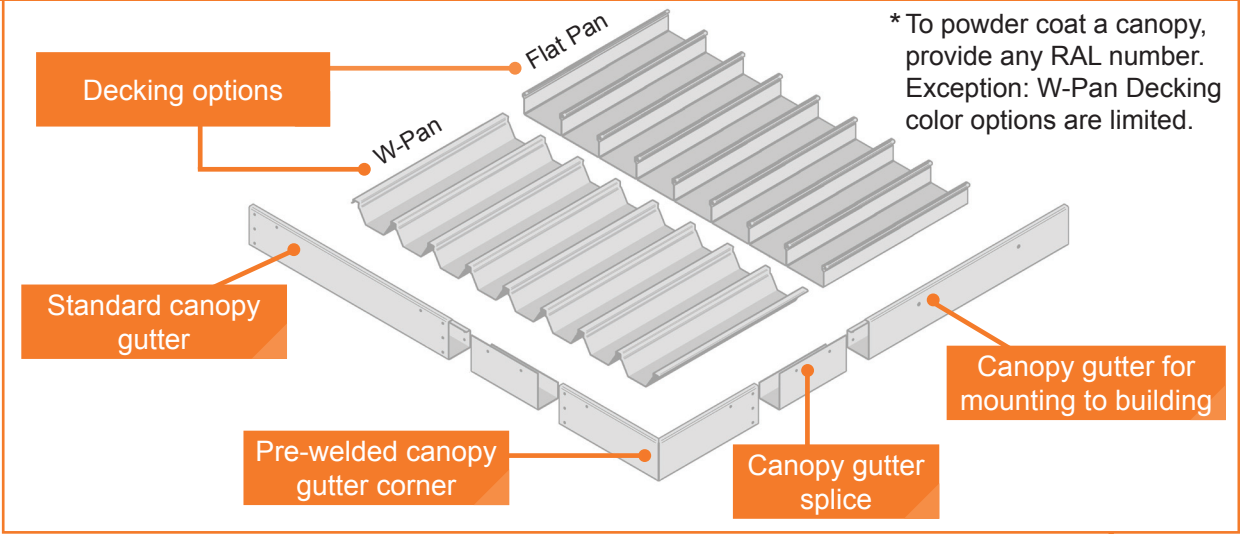


# Aluminum Canopies

IBC Compliant

The Upside canopy is a commercial-style canopy that can be used for many different applications. Our canopies can be paired with any of our other products for aesthetic or functional purposes.

## Canopy Decking & Gutter



### W-Pan Colors

- Clay
- White
- Bronze
- Ivory
- Brown
- Black
- Gray

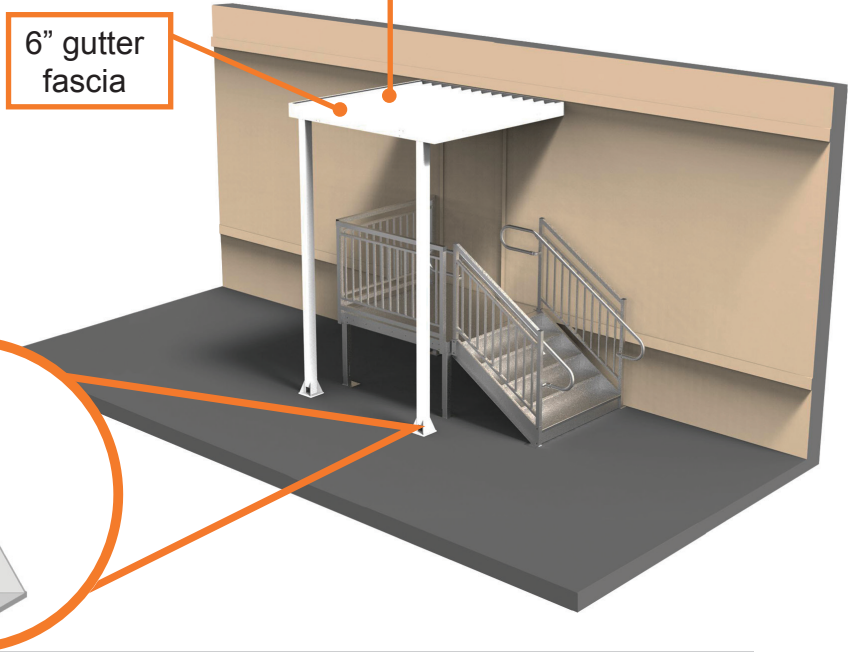
### Types of Canopies

Entryway canopies

Cantilever canopies

Canopies between buildings

Walkway canopies



Canopy post with angled deflector plate for water drainage.

**Structurally sound**

6" gutter fascia for optimal support

**Weather-proof design**

Internal drainage system

**Aesthetic appeal**

Powder coating options available





# Featured Projects

Common Applications



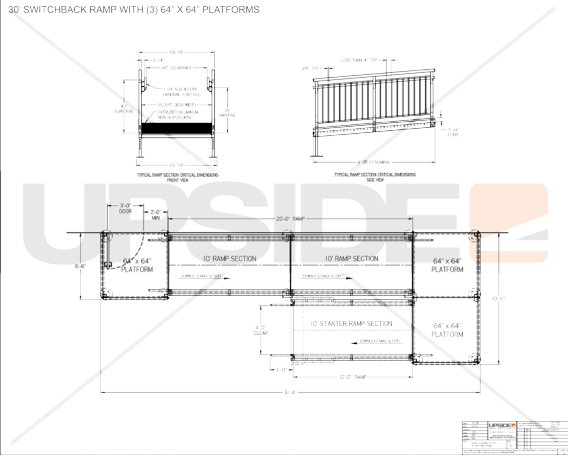
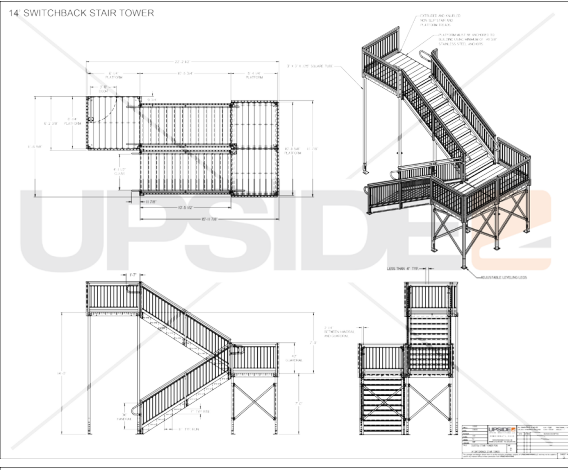




# Why Upside?

## Product Benefits

### Sample custom layouts:



### The Upside Process:

1. Submit site measurements and pictures.
2. Work with a solutions expert to determine the exact configuration for your application.
3. Receive a project estimate.
4. Approve the project.
5. Receive detailed layout drawings designed by our internal engineering team.
6. Approve the layouts if they will work for your site. If they will not work, our team will revise the layout.
7. The Upside team will produce and ship your product to meet your project deadline.
8. (Optional) Upside will professionally install the product.

*“We really couldn’t be happier with the whole experience we have had with Upside Innovations.”*

### Why choose aluminum?

|          | Tensile Strength | Corrosion & Warp Resistance | Maintenance Free | Price |
|----------|------------------|-----------------------------|------------------|-------|
| Aluminum | ●●●●○            | ●●●●●                       | ●●●●○            | ●●●●○ |
| Iron     | ●●●●○            | ●○○○○                       | ●○○○○            | ●●●●○ |
| Steel    | ●●●●●            | ●●●○○                       | ●●●○○            | ●●●●○ |
| Wood     | ●●●○○            | ●○○○○                       | ●○○○○            | ●●●●○ |
| Concrete | ●○○○○            | ●●○○○                       | ●●●○○            | ●●○○○ |