



# *STEP UP*

TO A WHOLE NEW LEVEL  
OF STAIR SYSTEMS



**PACIFIC STAIR**  
CORPORATION®

INNOVATORS IN PRE-ENGINEERED STEEL STAIR SYSTEMS



# STEP UP

TO A WHOLE NEW LEVEL  
OF DESIGN-BUILD

## Designed, Engineered, Tested, Built, and Guaranteed to Last

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**DESIGN BUILD** Working with you—the architect, engineer and owner—to design and build an egress system to match or closely resemble the architects/owners desired rendition. Producing stair systems that are the highest quality, innovative, built with consistency and craftsmanship, stand the test of time, and ultimately result in cost efficiencies.

**ENGINEERED** Responsibly designed with you in mind. Production and engineering guarantee that every stair system is built to meet or exceed the structural requirements of the local building codes.

**STANDARDIZED** Standard designs mean you take advantage of cost efficiencies at every level. Product lines that match or closely resemble industry standard stair designs allow us to streamline design, engineering, fabrication, and installation. Less headaches and greater savings for you.

**COST EFFICIENCY** Trusting an Egress expert gives you greater peace of mind. We know what can go wrong between bid and completion and we factor that in. No one likes surprises. The cost of missing building schedules due to: design, engineering, quality, or install issues - far outweighs the difference in a quote.

**CODE COMPLIANCE** Regional and local building codes vary nationwide. And it's easy for inter-story drift, luminescent markings, or design issues to be overlooked. Our experienced team incorporates all the different code requirements to guarantee that you're code compliant.

**EGRESS EXPERTISE** Our sole focus is Egress and making one part of the building process effortless for you. Solving problems you may be unaware of is what we do best. Simplifying design so you save on production and installation over and over again. That's what a trusted partner does.

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### OUR COMMITMENT TO YOU

The constant pursuit of delivering an unsurpassed stair system at an affordable price that's designed with the architect and installer in mind.

Without exception!

*Bill Gardner*

William "Bill" Gardner, Founder







**DESIGN • BUILD • INSTALL • NATIONWIDE**  
since 1989





HIGHRISE



HOSPITALITY



MULTI-USE



OFFICE



HEALTHCARE



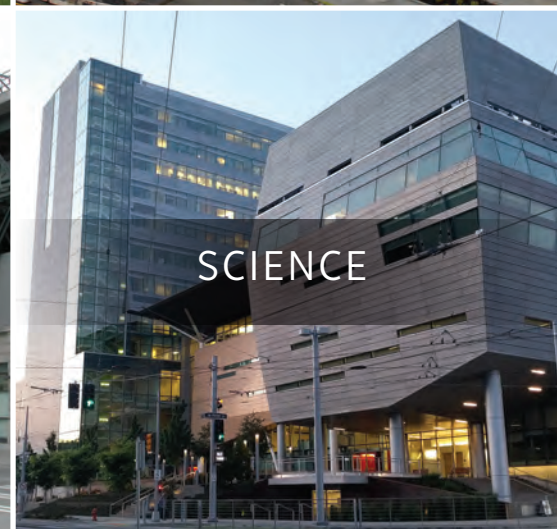
TRANSPORT



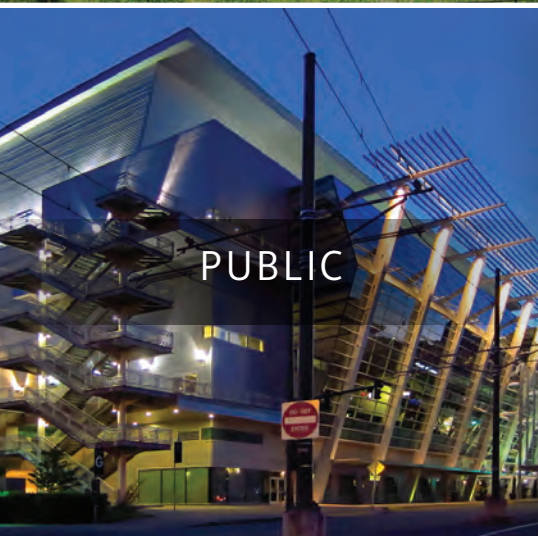
INDUSTRIAL



STADIUM



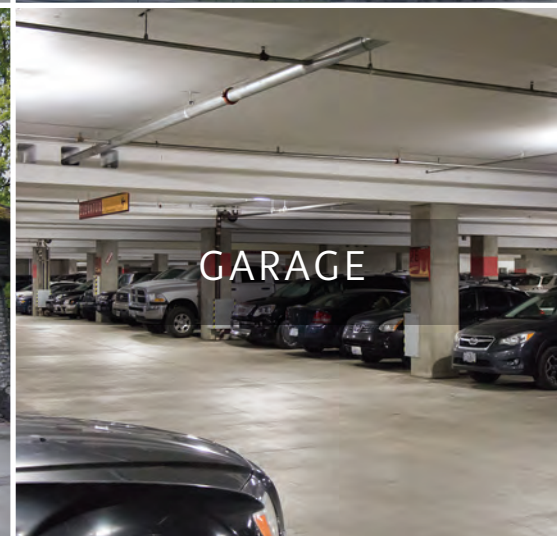
SCIENCE



PUBLIC



GOVERNMENT



GARAGE



# Your pre-engineered steel stair system will meet the demands of all building codes.

Since 1989, Pacific Stair Corporation has worked with architects, contractors and builders to provide the most innovative stair systems available, featuring quality and ease of installation.

Calculations and drawings are stamped by a professional engineer, licensed in the state in which the project is located, and are always included in the total project cost.

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Pacific Stair Corporation is an Approved Fabricator of the American Institute of Steel Construction (AISC), a member of ICBO (#1005381) and the American Welding Society (#118906). We are an Approved Fabricator in both Clark County (#505) and the City of Los Angeles (#1764) and a recognized fabricator in the City of San Francisco. Our certifications mean Pacific Stair has met stringent requirements for quality control, material and labor tracking.





# STAIR SYSTEMS

**Maximize schedule and budget demands with precision engineered products from Pacific Stair.**

Our exclusive standard designs have been created with the contractor and installer in mind. We keep it simple. Whether you're constructing in concrete, steel or wood your project is elevated with our exclusive design-build system.

## YOUR ADVANTAGE



Design-build stair systems are engineered to **install quickly, easily and correctly.**



Pre-assembled stairs and landings **minimize field installation and time.** Stairs, landings and support members come in one piece to fit the designed opening.



Erection holes and torque control bolts **make the installation process simple and efficient.**

(PICTURED: Checker Plate Stair System with Picket Rail)



## STAIR AND LANDING STYLES

Choose from six standard styles designed for efficiency. And in this case, standard doesn't come without added benefits. These styles come standardized to eliminate unnecessary costs and headaches.

All egress packages include necessary **Embeds, Bracing** and **Connection Hardware** to streamline install.



OVERVIEW		CONCRETE FILLED S100/L100	CHECKER PLATE S200/L200	CHECKER PLATE with Quiet Tread S300/L300	PRECAST with NATIONAL REDI-TREAD S400 / L400	SMOOTH PLATE S500 / L500	GRATING S600 / L600
USE	Interior Egress	✓	✓	✓	✓	✓	✓
	Exterior Egress	Proper covered structure suggested	✓	Proper cover structure required	Proper cover structure required	Proper waterproofing required	✓
	High Traffic Egress	✓	✓	✓	✓	Depends on finish material	✓
COMPARISONS	Ideal when noise is a concern	✓	Checker plate stairs are loud	Quiet Tread eliminates sound	✓	✓	✓
	Immediate construction egress access after install	Unpoured pans result in tripping hazard.	✓	✓	✓	✓	✓
	Finish work is minimal	Major concrete pour and clean up is required to finish	✓	✓	✓	Install finish material to conceal steel structure	✓
	Long-wearing surface	✓	✓	✓	✓	Depends on finish material	✓
BASE DESIGN	STAIR STRINGERS	STAIR TREADS	LANDING FRAME	STAIR CONNECTIONS	LANDING CONNECTIONS	STRUCTURAL DESIGN	SHOP FINISH
	Plate 1/4" x 10"	14 Gauge	Channel C8x11.5#	Bolt, Weld or Embed	Post, Shelf, Hang	Shear or Moment	Red Primer

\*materials subject to up-sizing to meet project specific calculations

\*\*alternate finishes available to meet project specific requirements





# RAIL SYSTEMS

**Little details make a big statement. Flex your creativity with railing that meets code and exceeds expectations.**

In the interior design world details are everything. Designers and building owners require freedom and flexibility to bring a project to life. Whether budget-conscious or high-end specialty, these standard rail styles will step up your stair system.

## YOUR ADVANTAGE



Guaranteed to meet or exceed code and engineering requirements.



Standard connection and layout methods simplify installation, saving time and money.



Designed to minimize field labor and maximize profit.



Manufactured to fit their specific location eliminates on-site modifications.

(PICTURED: Concrete Filled Stair System with Pipe Rail)





## RAIL STYLES

Choose from three design categories – industrial, economical, and specialty rail styles. These standard rail styles give you complete design freedom while maintaining standardization and efficiency.

All rail packages include all necessary wall rail, guardrail, stair rail, cane rail, hand-grabs, gates, and hardware.

Industrial, mechanical, barrier, and site rail applications OSHA compliant.

Most common styles for multi-story egress systems. Meets budgetary requirements without sacrificing architectural appeal. Meets IBC requirements.

### INDUSTRIAL

**2 LINE**  
**R100**



### ECONOMICAL

**PIPE**  
**R200**



**TUBE**  
**R300**



**PICKET**  
**R400**



Premium styles for multi-story egress systems. When high-end or custom designs are desired. Meets IBC requirements.

### SPECIALTY

**WIRE MESH**  
**R500**



**CABLE**  
**R600**



**ROD**  
**R700**



**GLASS**  
**R800**







# PACIFIC STAIR DIFFERENCE

- ▶ Competitive Estimating
- ▶ Dedicated Project Managers
- ▶ In-House Engineers and Designers
- ▶ In-House Generated Drawings & BIM Models
- ▶ Structural Stamped Calculations
- ▶ Certified Fabrication & Quality Control
- ▶ Superior Product Quality
- ▶ On Time Delivery
- ▶ Install Services and Training

## BENEFITS OF STANDARDIZATION

- Interpretation and Guesswork Eliminated
- Quality Guaranteed
- Productivity Maximized
- Costly Oversight Minimized
- Bottom Line Savings Generated





## VALUE ADDED SOLUTIONS

To save you time and money, Pacific Stair offers a full suite of value added solutions that can be included in the package to eliminate coordination with other suppliers.

### And we don't stop there.

Our collaborative, schedule-focused approach and expert team of professionals deliver everything you need from concept to completion in one seamless process.

### STACK-A-SHAFT

Stacking Stair Systems  
Floor to Floor Egress Units  
to Streamline Installation

### Safe-T-Nose®

Luminous Stair Nosings  
Luminous Egress Markings

### NRT NATIONAL REDI-TREAD™

Precast Concrete Treads

### EGRESS GATE

Interruption Stairwell  
Swing Gates

### TempRail

Safety Fall Off Protection

### TEMPTREAD

Construction Phase  
Infill Treads for Pan Stairs

*Good buildings come from good people and all  
problems are solved by good design.*

*– Stephen Gardiner*





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