

SHOE - AVAILABLE INFILLS

Glass

SHOE™ GLASS RAILING SYSTEM PRODUCT DATA



VIVA RAILINGS
LEADERS IN ARCHITECTURAL RAILING SYSTEMS

DESIGN • ENGINEER • FABRICATE • INSTALL

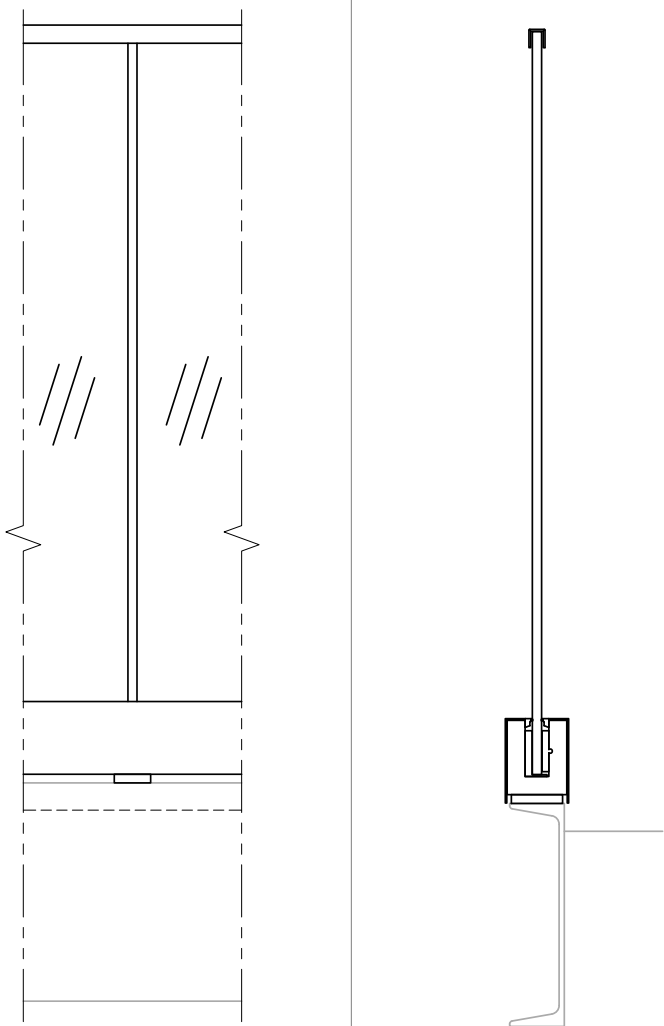
SHOE™ GLASS RAILING SYSTEM

SHOE - AVAILABLE INFILLS

Glass

Our ICC-ES 4405 Certified SHOE™ Structural Glass Railing System is an aluminum glass railing system with a patented compression set (US Patent No. 9127474) aluminum base shoe system.

ESR-4405 - ICC Evaluation Service, LLC (ICC-ES)



Other mounting options available.



SHOE™ GLASS SYSTEM - TECHNICAL DATA

	MATERIAL	FINISH	SIZE/SPACING
BASE	Aluminum SHOE	Mill / Anodized	3.25"x4" SHOE base, 5'-0" max. O.C. glass infill. Fascia or Top mount.
CLADDING	Aluminum - \$ ⁶	CeraShield ⁶	4.5"x1" Cladding for SHOE only.
	Stainless Steel - \$\$	#6 Satin / CeraShield	
INFILL	Glass	Clear, Digitally Printed, Tinted, Colored and Cast	1/2" to 1" Laminated Tempered Glass ¹ PVB or SGP ⁴ interlayer.
TOP RAIL	Stainless Steel U-Cap	#6 Satin / CeraShield	1" Height U-Cap
	Stainless Steel U-Cap with LED ²		1" Height U-Cap with LED LINEAR
	Stainless Steel Tube with LED		Ø1-1/2" tube with LED LINEAR
HAND RAIL	Stainless Steel Tube	#6 Satin / CeraShield	Ø1-1/2" or Ø2" tube
	Stainless Steel Tube with LED		Ø1-1/2" with LED linear, Ø1-1/2" or Ø2" with LED Pod
	Wood (Red Oak, Cherry or Maple) ³	Unstained	Ø2" for Hand Rail
	Wood (Red Oak, Cherry or Maple) with LED		Ø2" with LED LINEAR



1. Thickness and interlayer type typically to be determined based on engineering requirements.
2. All LED LINEAR products are ETL certified; ETL mark is proof of product compliance to North American safety standard.
3. Other species available upon request.
4. Viva Railings recommends using SGP for external applications.
5. CeraShield: Ceramic Coating, Enhanced durability and superior protection. Available in a wide range of colors. (Replaces traditional powder coat finish options.)
6. \$ to \$\$\$: Indicates finish type comparative cost.



- CERTIFIED FOR
- International Building Code (IBC 2012-2021)
 - California Building Code (CBC 2019-2022) OSHPD, DSA
 - Florida Building Code – Building (FBC 2020) includes Wind Borne Debris Regions & High-Velocity Hurricane Zone (HVHZ)



SHOE RAILING SYSTEM

GLASS INFILL



AVAILABLE GLASS TYPES



Clear Laminated (PVB or SGP)



Tinted



Colored Interlayer



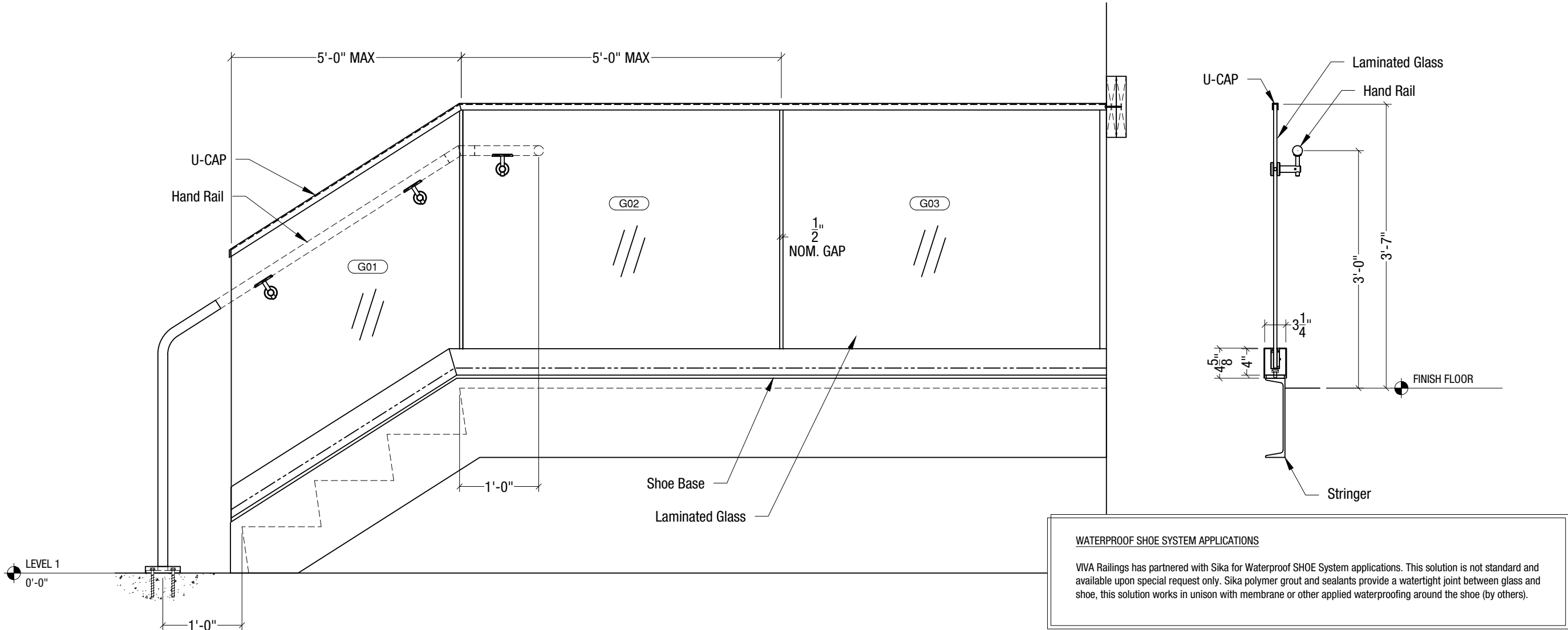
Frosted



Ceramic Frit



Casted

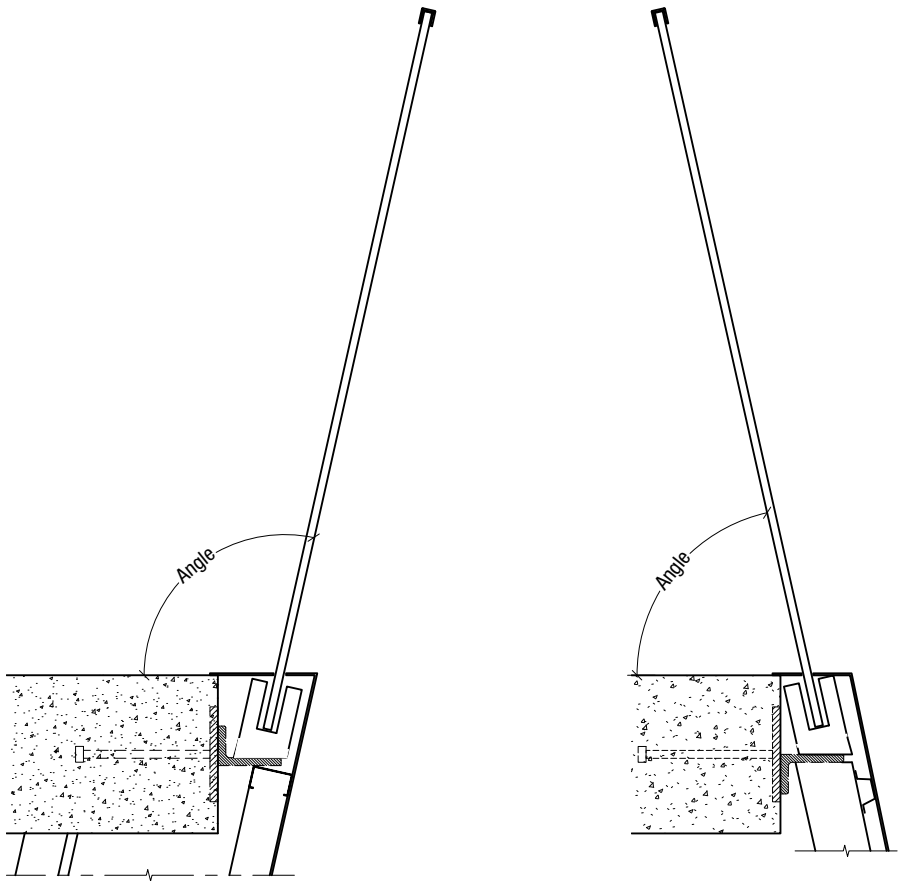


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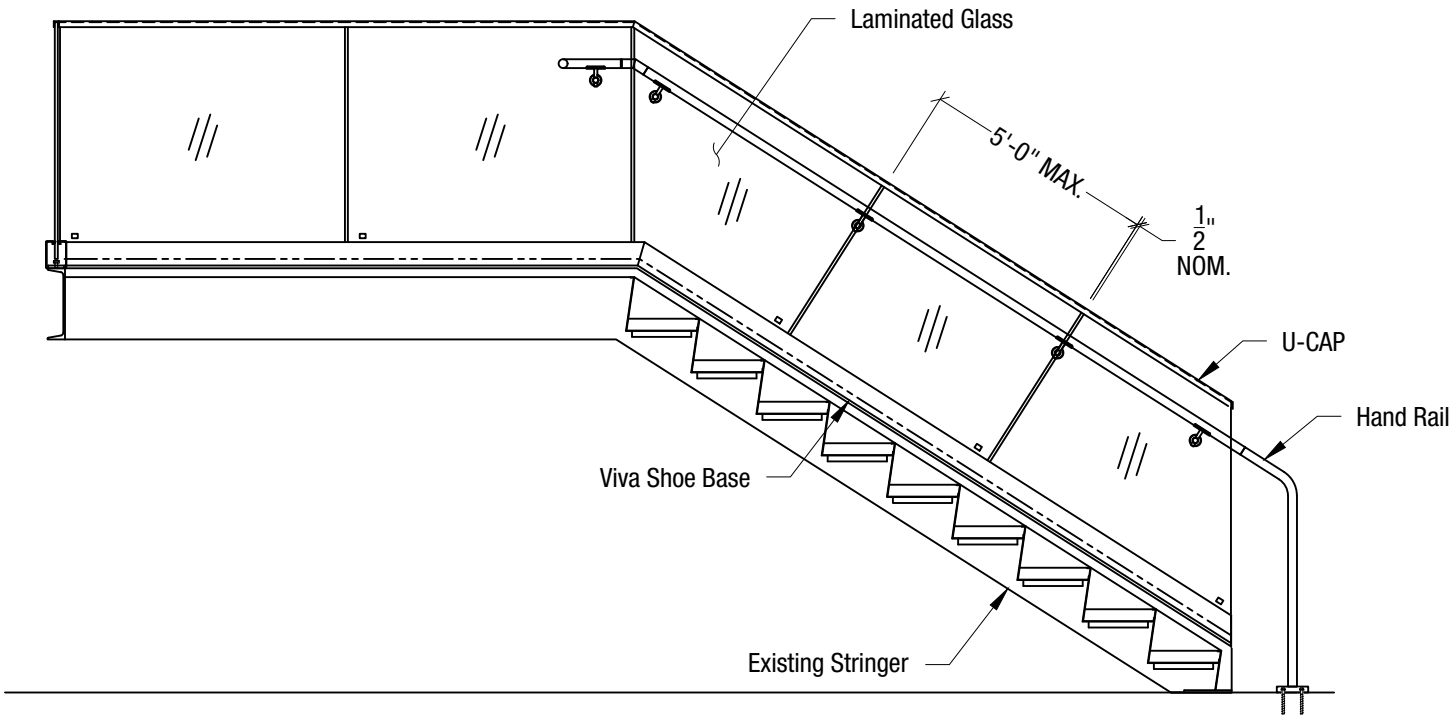
SHOE RAILING SYSTEM

ORIENTATION OPTIONS



Obtuse Angle Tilt Shoe

Acute Angle Tilt



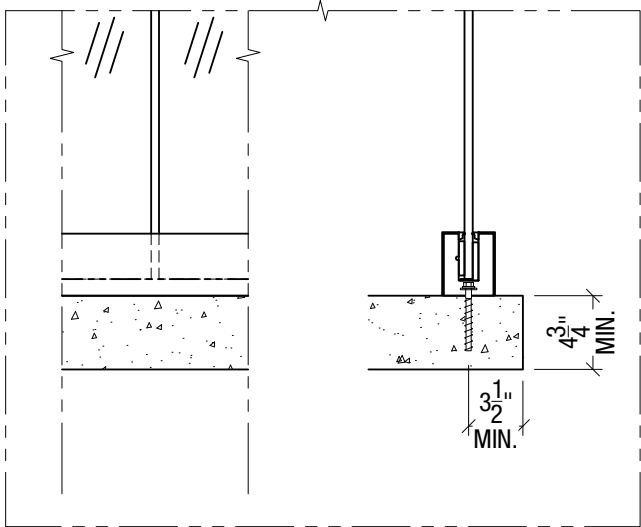
Perpendicular Panels at Stair

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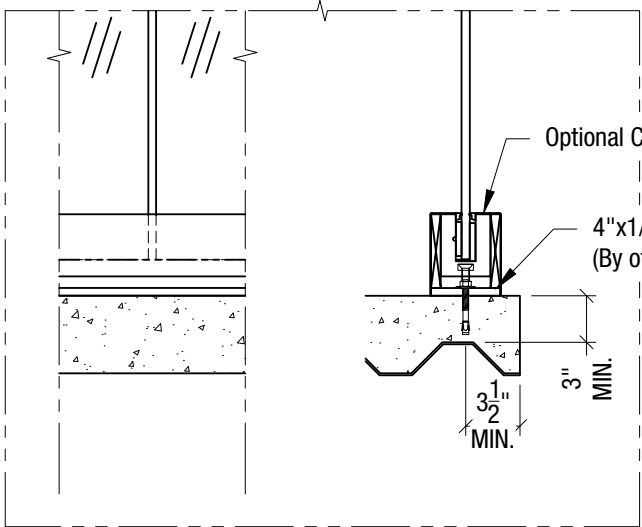


SHOE RAILING SYSTEM

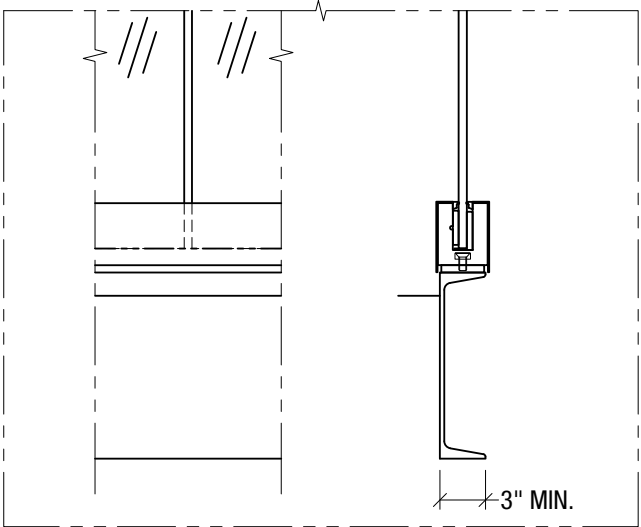
MOUNTING CONDITION, TOP MOUNTED POST



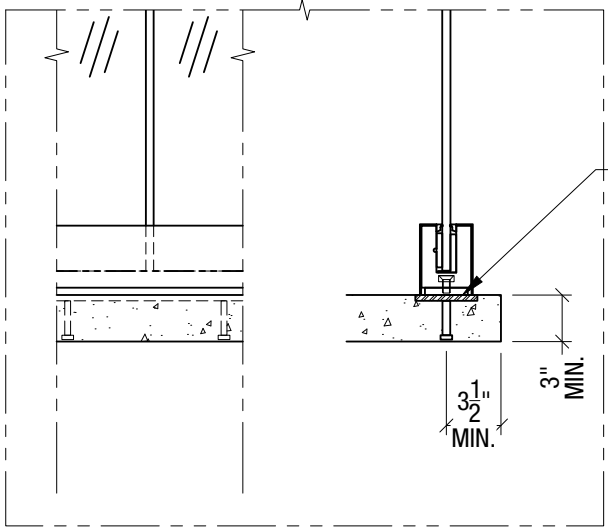
Anchored to Concrete ¹ - \$ ²
Detail# SH-T01 ³



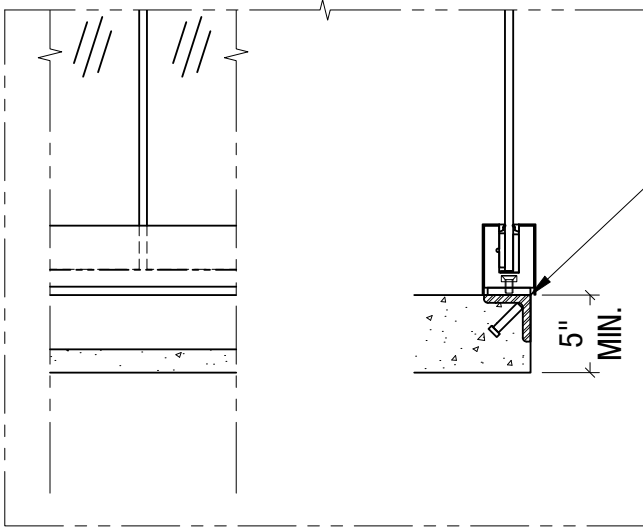
Anchored to Concrete Slab on Deck - \$\$\$
Detail# SH-T02



Welded @ Steel Channel - \$
Detail# SH-T03



Welded @ Embed Plate - \$
Detail# SH-T04



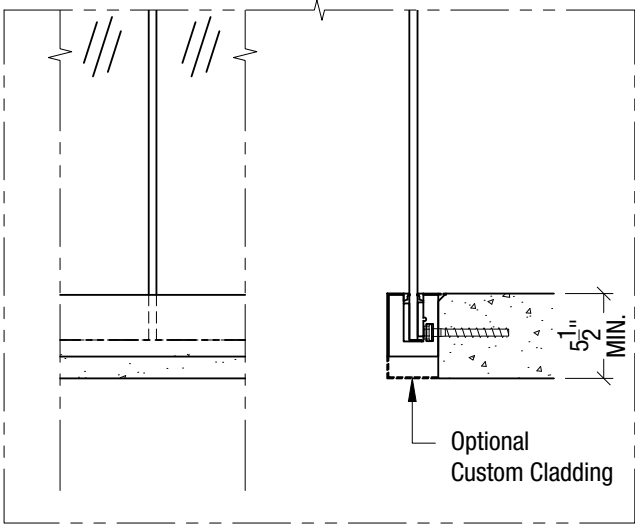
Welded @ Embed Angle - \$\$\$
Detail# SH-T05

(1) Min. 4000 PSI concrete, Typ.
(2) \$ to \$\$\$: Indicates mounting type comparative cost

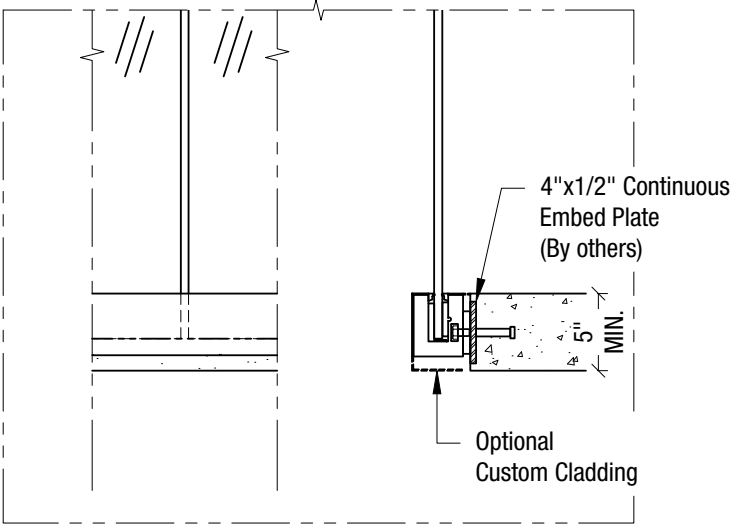


SHOE RAILING SYSTEM

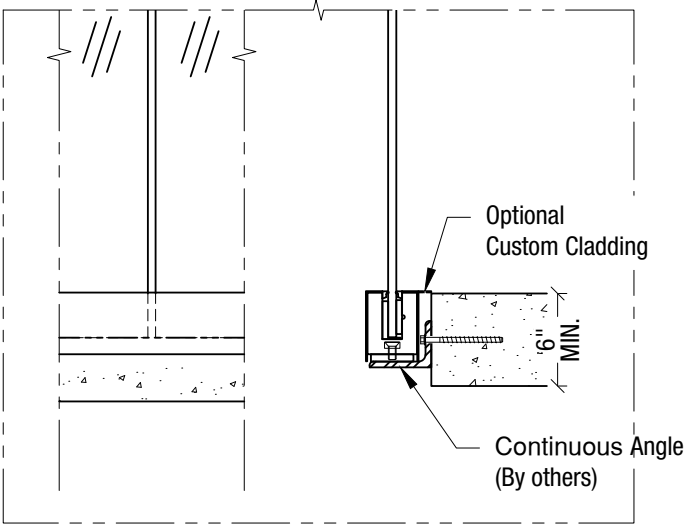
MOUNTING CONDITION, FASCIA MOUNTED POST



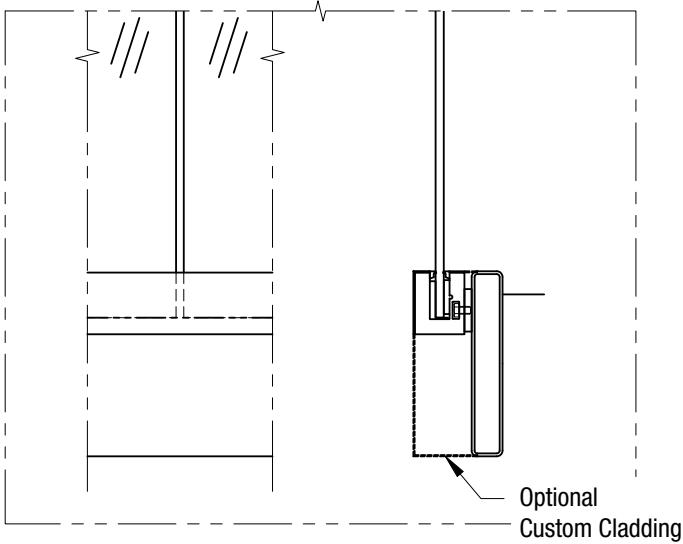
Anchored to Concrete ¹ - \$\$\$
Detail# SH-F01



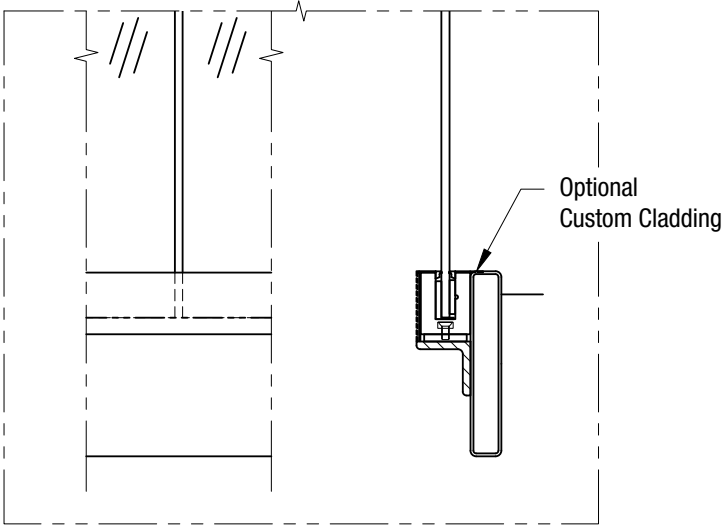
Welded @ Embed Plate - \$\$
Detail# SH-F02



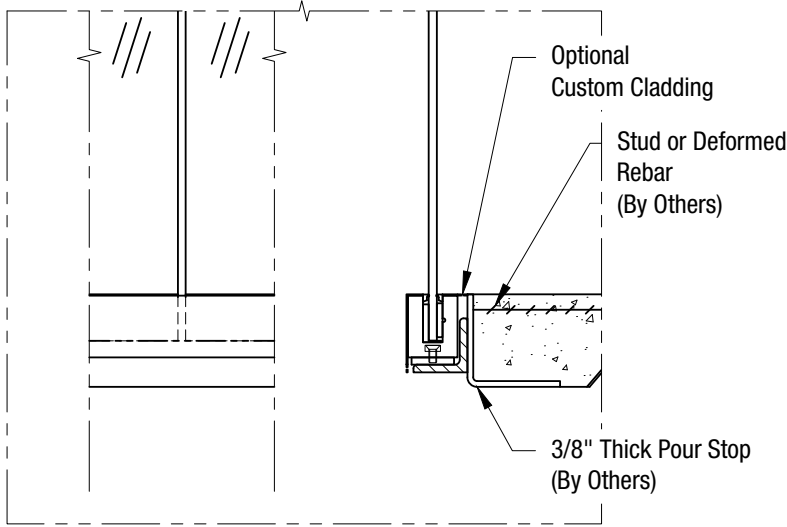
Welded @ Steel Angle Anchored @
Concrete - \$\$
Detail# SH-F03



Welded @ Steel Tube - \$\$
Detail# SH-F04



Welded @ Steel Angle Welded
@ Steel Tube - \$\$
Detail# SH-F05



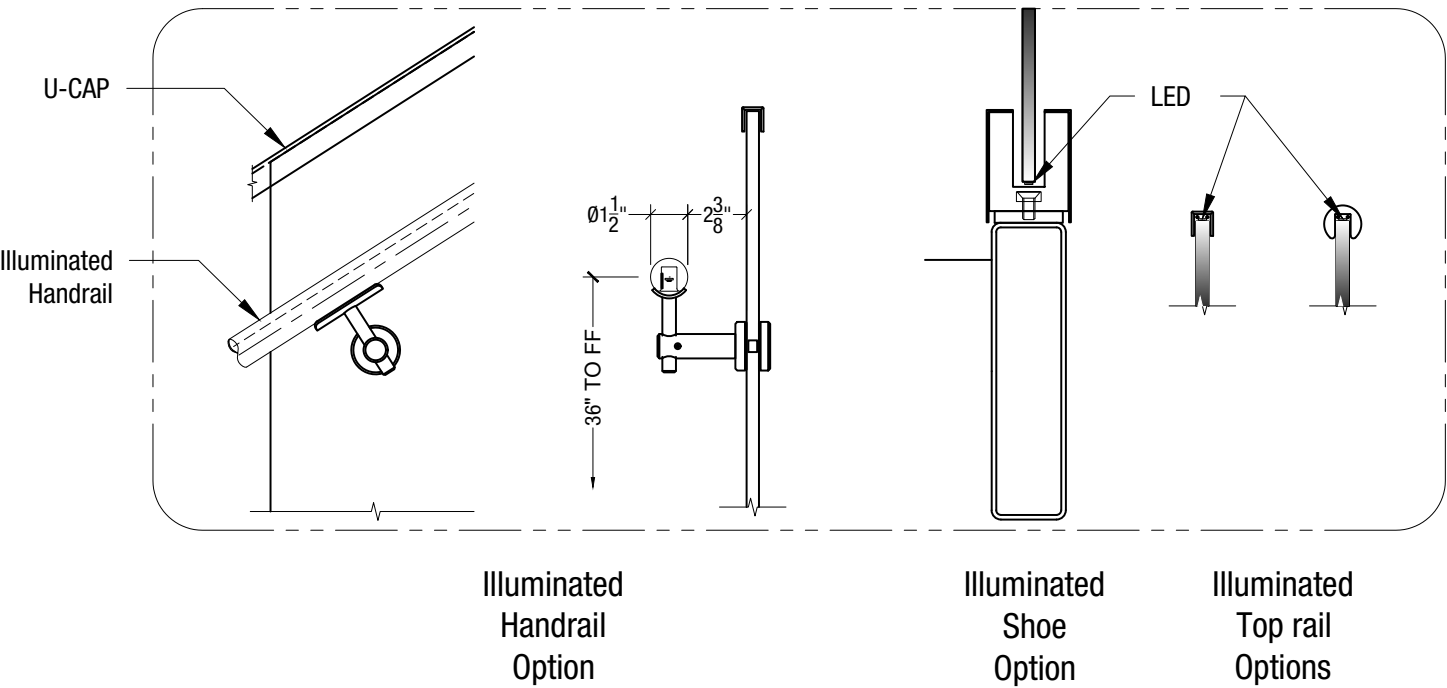
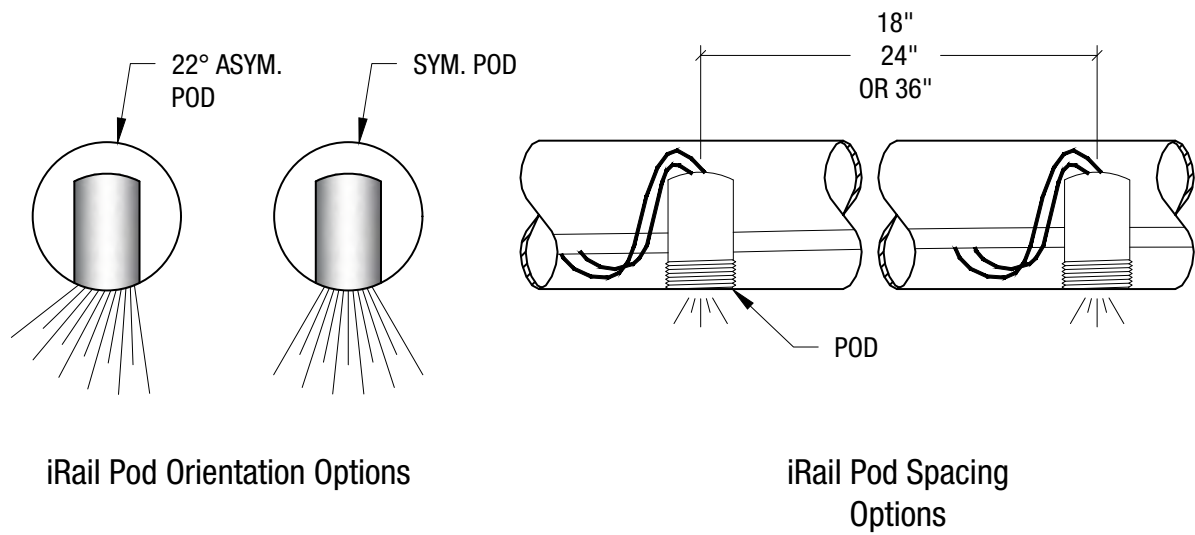
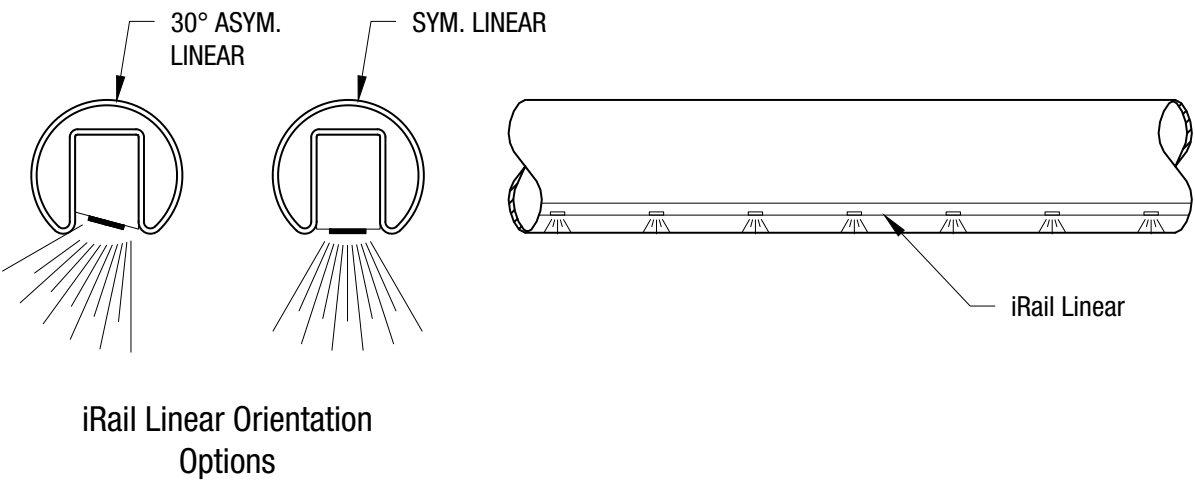
Welded @ Steel Angle - \$\$
Detail# SH-F07

(1) Min. 4000 PSI concrete, Typ.



SHOE RAILING SYSTEM

ILLUMINATED RAILING



SHOE GLASS RAILING SYSTEM



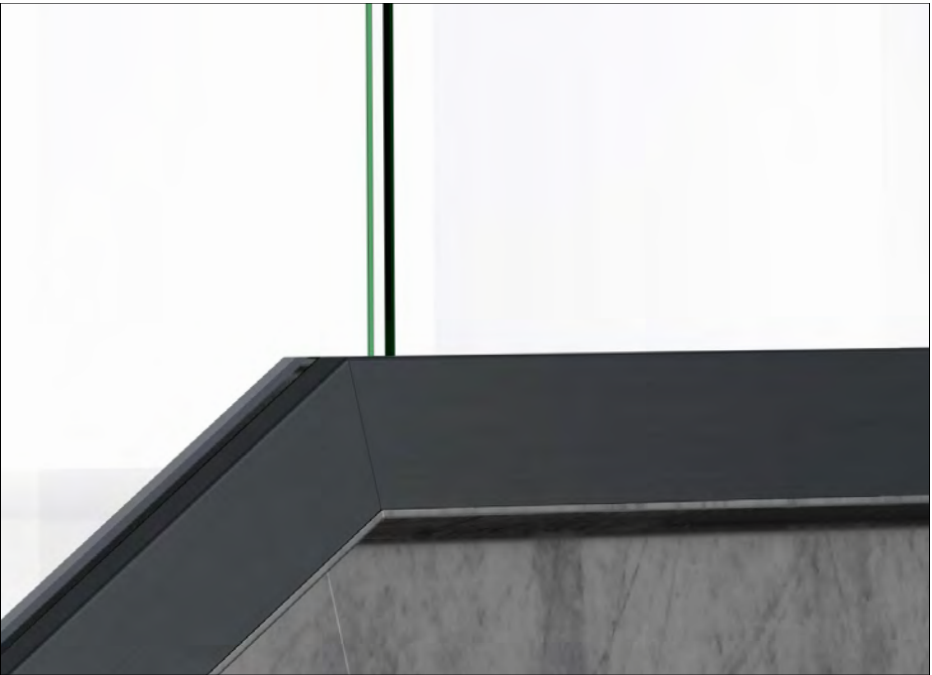
SHOE RAILING SYSTEM

FINISHING OPTIONS

#6 Satin



CeraShield* Ceramic Coating



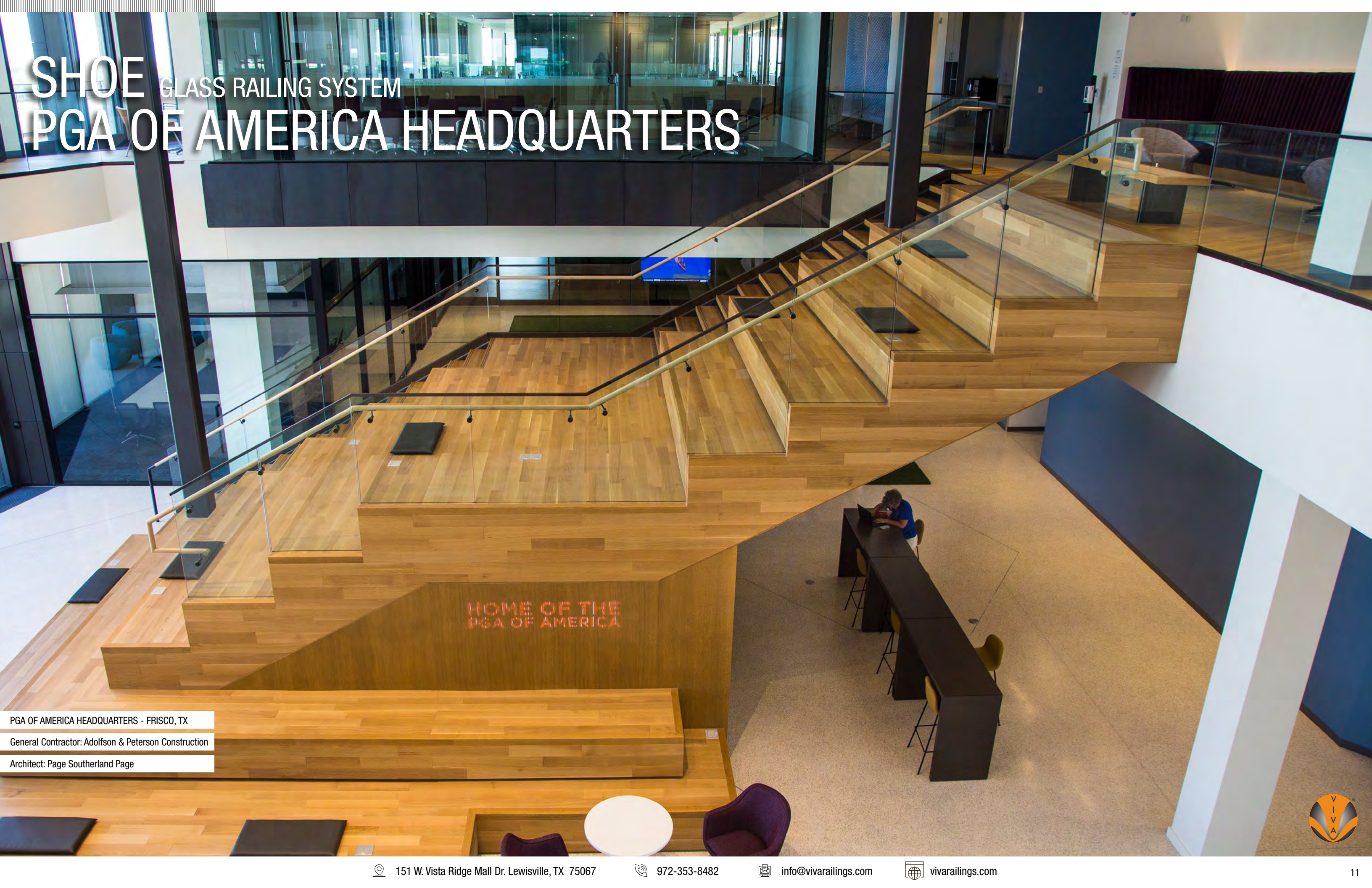
Enhanced durability and superior protection.
Available in a wide range of colors.
(Replaces traditional powder coat finish options.)

*VIVA Railings now proudly offers CERASHIELD Ceramic Coating (powered by CERAKOTE Technology) as our premium finishing option, providing enhanced durability and superior protection for interior and exterior applications. While CERASHIELD offers unparalleled advantages in hardness, corrosion resistance, UV stability, and chemical resistance, we will continue to offer standard Powder Coat finishes to meet a variety of aesthetic preferences.



[CERASHIELD FINISHING OPTIONS](#)





SHOE GLASS RAILING SYSTEM PGA OF AMERICA HEADQUARTERS

HOME OF THE
PGA OF AMERICA

PGA OF AMERICA HEADQUARTERS - FRISCO, TX
General Contractor: Adolfson & Peterson Construction
Architect: Page Southerland Page

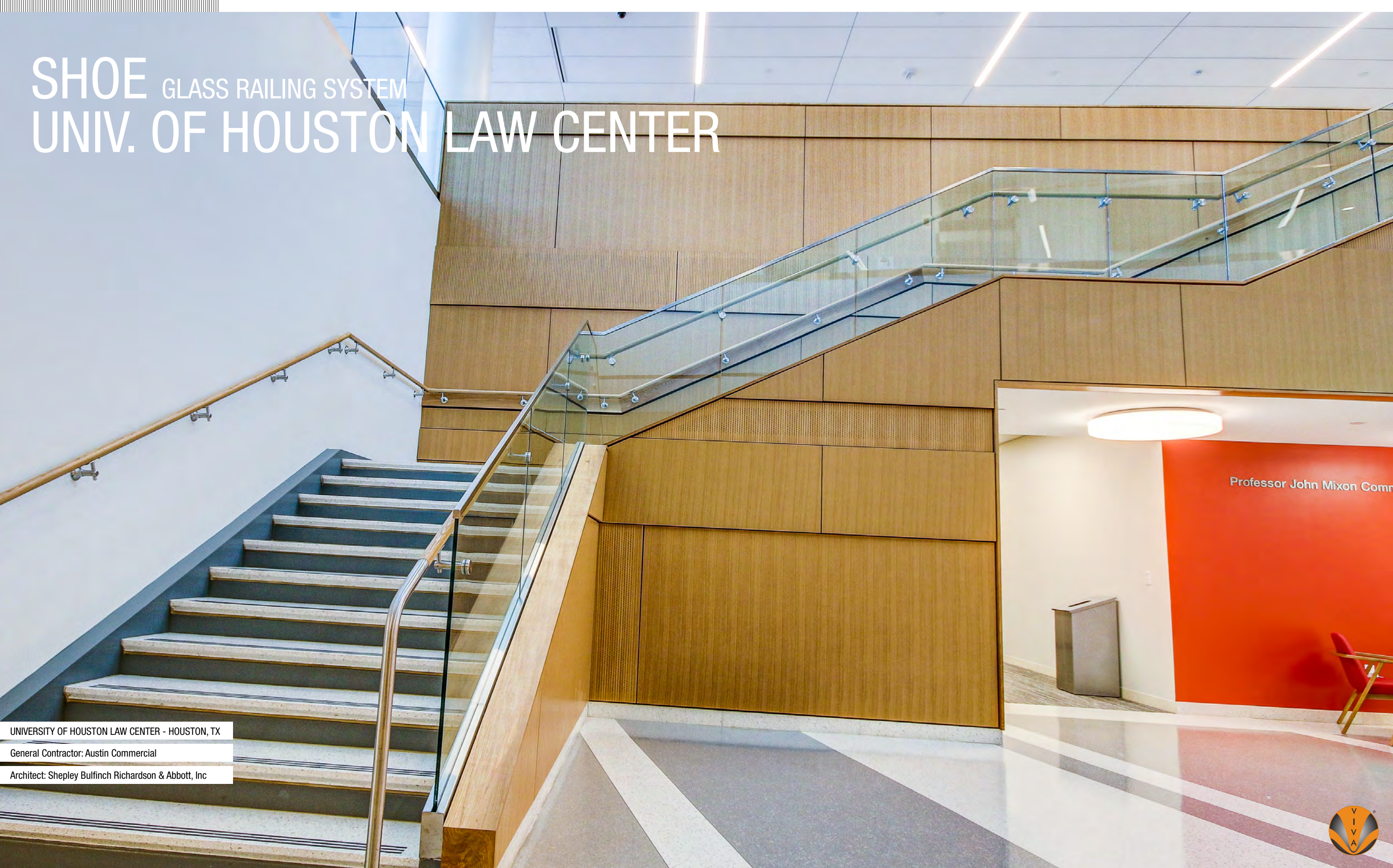
SHOE GLASS RAILING SYSTEM HALL ARTS HOTEL



HALL ARTS HOTEL - DALLAS, TX
General Contractor: Austin Commercial
Architect: HKS



SHOE GLASS RAILING SYSTEM UNIV. OF HOUSTON LAW CENTER



UNIVERSITY OF HOUSTON LAW CENTER - HOUSTON, TX
General Contractor: Austin Commercial
Architect: Shepley Bulfinch Richardson & Abbott, Inc

SHOE GLASS RAILING SYSTEM SMU FRANCES ANNE MOODY HALL

SMU FRANCES ANNE MOODY HALL - DALLAS, TX
General Contractor: Beck Group
Architect: Smithgroup, Inc.



SHOE GLASS RAILING SYSTEM CSU WATER RESOURCES CENTER

CSU WATER RESOURCES CENTER - FT. COLLINS, CO

General Contractor: ISEC

Architect: Hord Coplan Macht





DESIGN + ENGINEER + FABRICATE + INSTALL

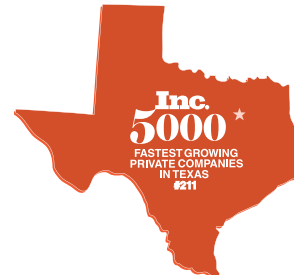
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SHOE™
Structural Glass Railing System



LEED
Material & Resources Credits 4.1 and 4.2



The American Institute of Architects



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