



STRUC - AVAILABLE INFILLS

Laser Cut Patterns

STRUCTM METAL PANEL RAILING SYSTEM

PRODUCT DATA



VIVA RAILINGS
LEADERS IN ARCHITECTURAL RAILING SYSTEMS

DESIGN • ENGINEER • FABRICATE • INSTALL



STRUC™ METAL PANEL RAILING SYSTEM

Our STRUC Panel Railing System is an ingeniously engineered structural sheet metal fabrication design. This system features CNC laser cut patterns that provide a range of pre-configured or custom designs of your choice. With material choices of aluminum or steel in finishes of anodized or powder coating.



STRUC - AVAILABLE INFILLS
Laser Cut Patterns



STRUC™

METAL PANEL SYSTEM - TECHNICAL DATA

	MATERIAL	FINISH	SIZE/SPACING
POST	Stainless Steel (304 or 316) Stainless Steel (201)	#6 Satin - Powder Coat - PVDF VIVA Standard: All brackets, spiders, and accessories are satin finish stainless steel and are not coated. A coated finish is available upon request.	4'-0" max. O.C. post spacing, with 18" max. cantilever panel Fascia, Top or Core mount.
INFILL OPTIONS	Aluminum	- Powder Coat - PVDF	Flat aluminum panel
HAND RAIL	Stainless Steel Tube Stainless Steel Tube with LED ¹ Wood (Red Oak, Cherry or Maple) ² Wood (Red Oak, Cherry or Maple) with LED	- #6 Satin (Recommended) - Powder Coat - PVDF Unstained	Ø1-1/2" or Ø2" tube Ø1-1/2" with LED LINEAR, Ø1-1/2" or Ø2" with LED POD Ø2" Ø2" with LED LINEAR



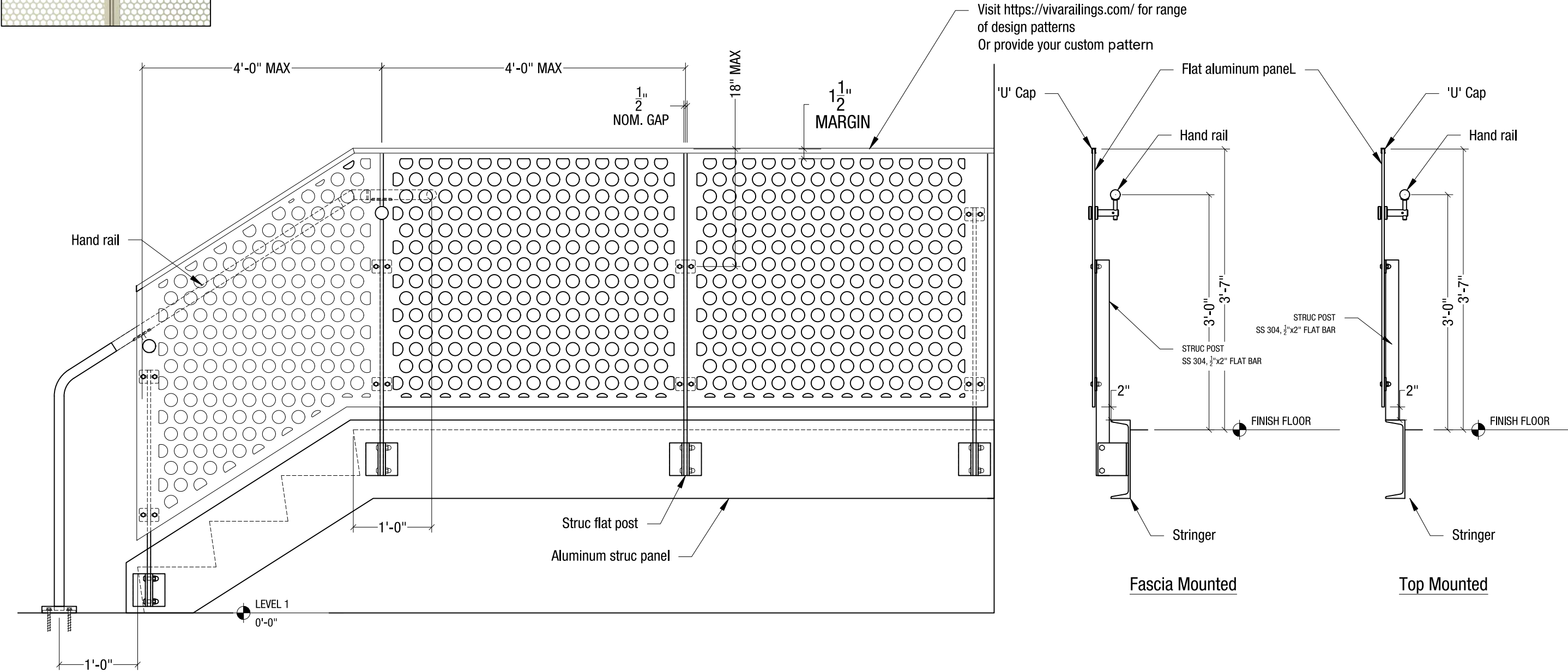
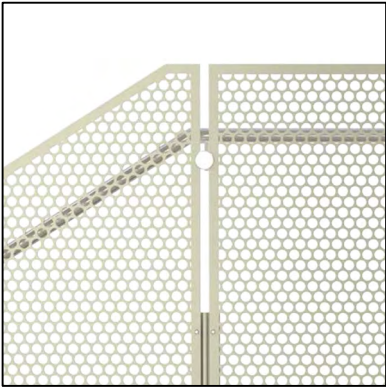
1. All LED LINEAR products are ETL certified; ETL mark is proof of product compliance to North American safety standard.

2. Other species available upon request.



STRUC RAILING SYSTEM

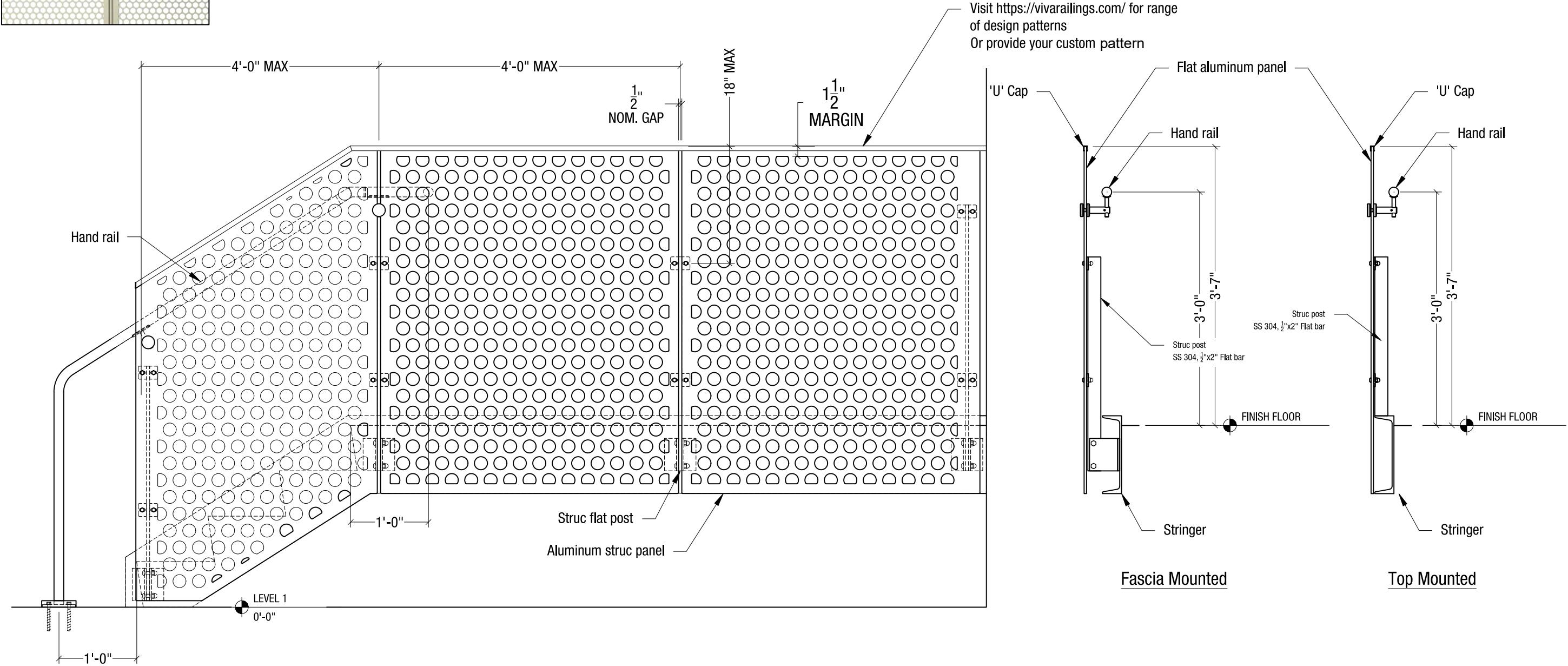
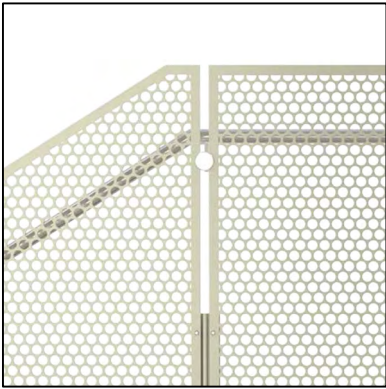
METAL PANEL INFILL



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STRUC METAL PANEL RAILING SYSTEM EXTENDED

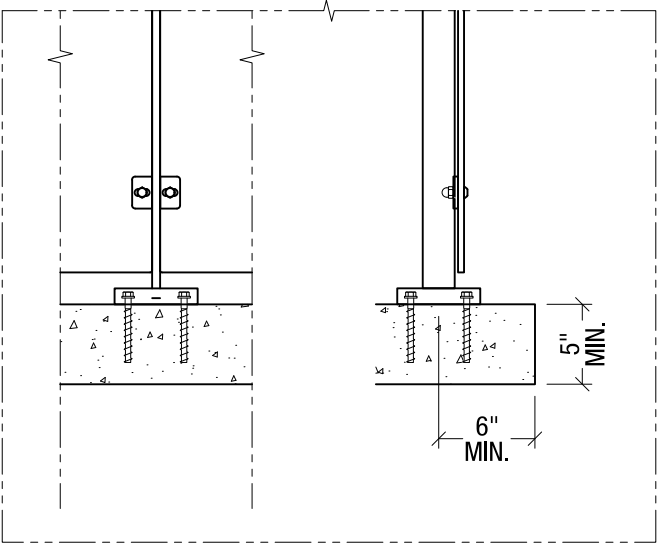


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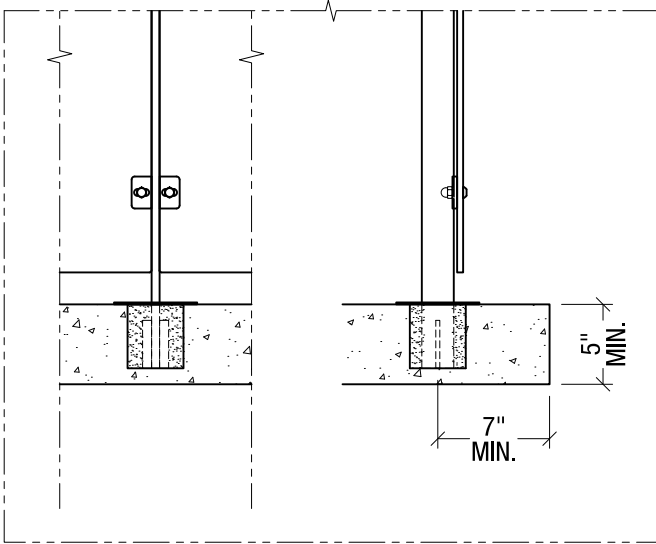


STRUC RAILING SYSTEM

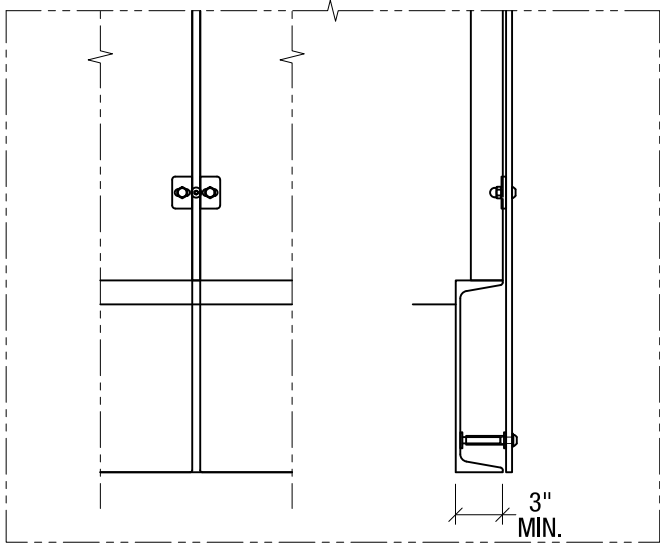
MOUNTING CONDITION, TOP MOUNTED POST



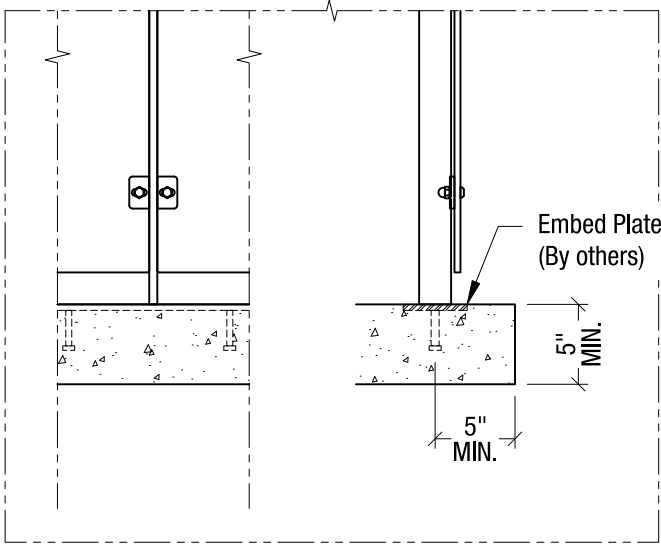
Anchored to Concrete ¹ - \$ ²
Detail# ST-T01



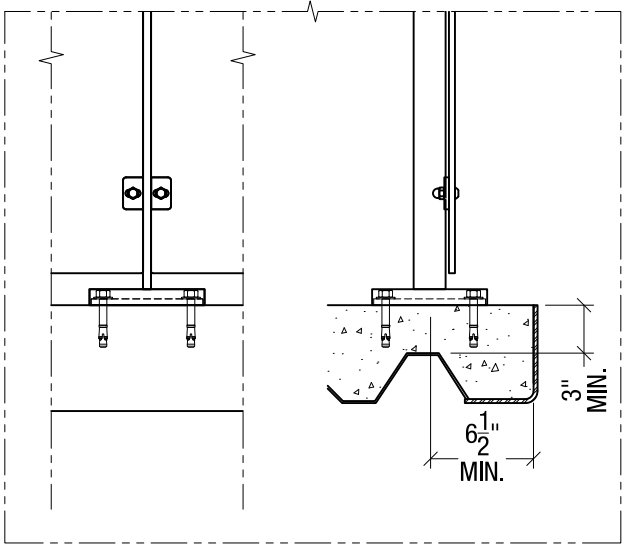
Cored into Concrete - \$\$
Detail# ST-T02



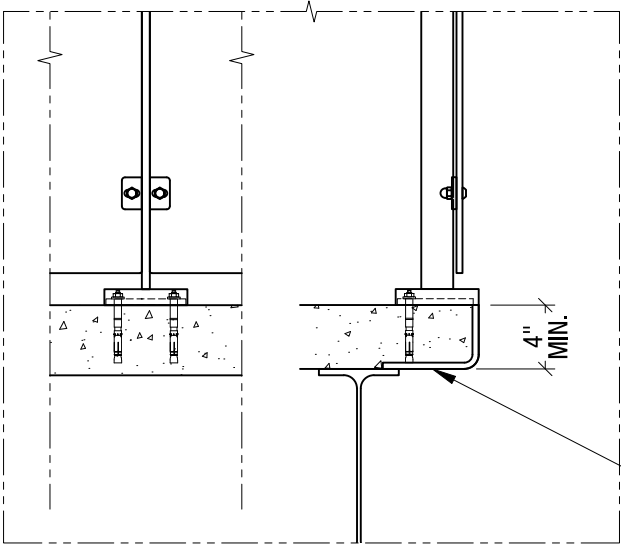
Welded @ Steel Channel - \$
Detail# ST-T03



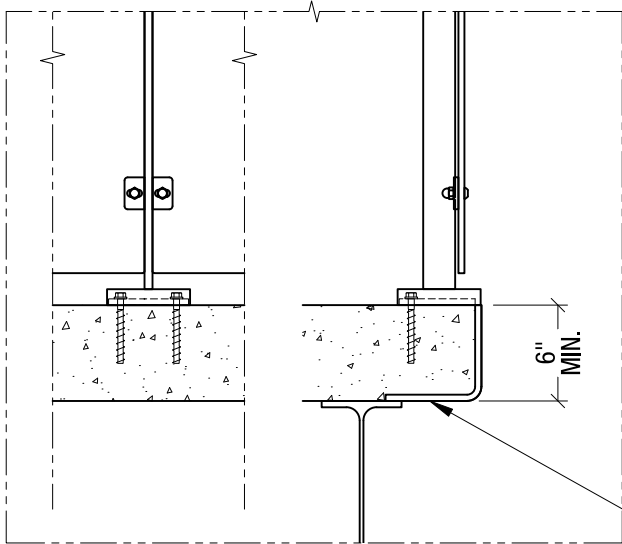
Welded @ Embed Plate - \$
Detail# ST-T04



Anchored to Concrete Slab on Deck - \$\$
Detail# ST-T05



Welded @ Steel Angle Anchored @
Concrete - \$\$
Detail# ST-T06



Welded @ Steel Angle Anchored @
Concrete - \$\$
Detail# ST-T07

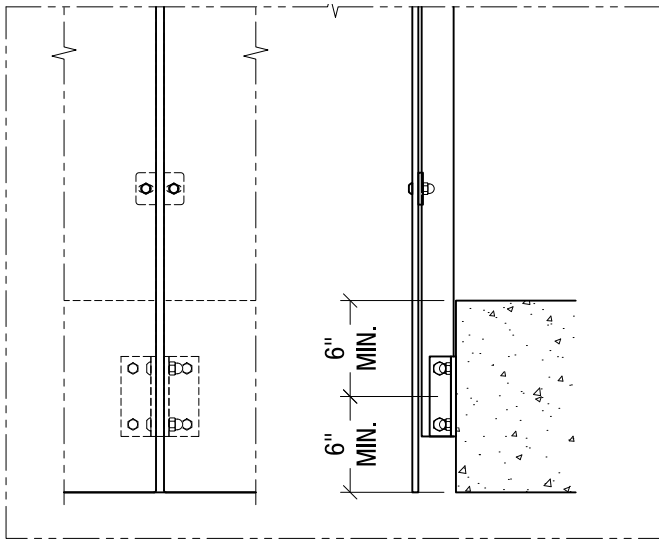
(1) Min. 4000 PSI concrete, Typ.
(2) \$ to \$\$\$: Indicates mounting type comparative cost

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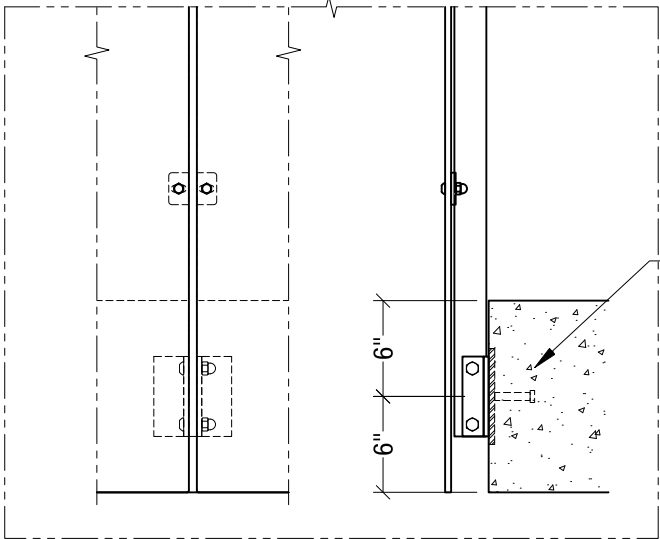
STRUC RAILING SYSTEM

MOUNTING CONDITION, FASCIA MOUNTED POST



Anchored to Concrete ¹ - \$\$\$

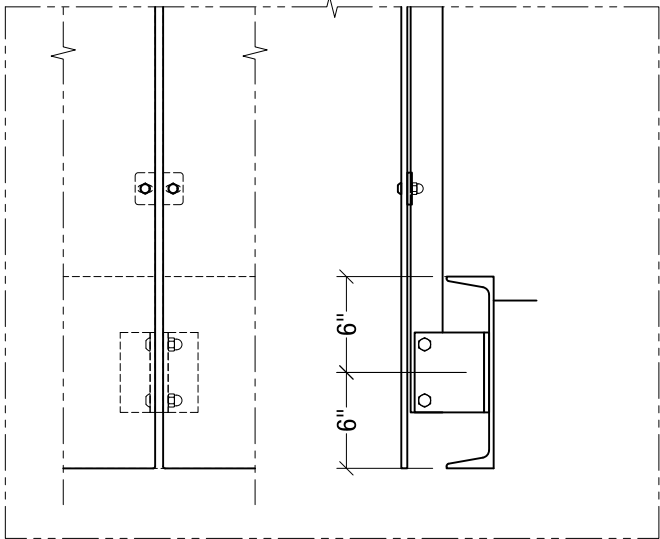
Detail# ST-F01



Embed Plate
(By others)

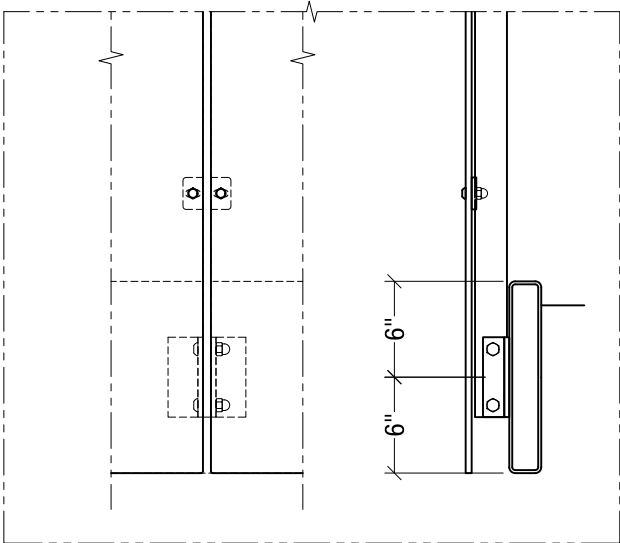
Welded @ Embed Plate - \$\$

Detail# ST-F02



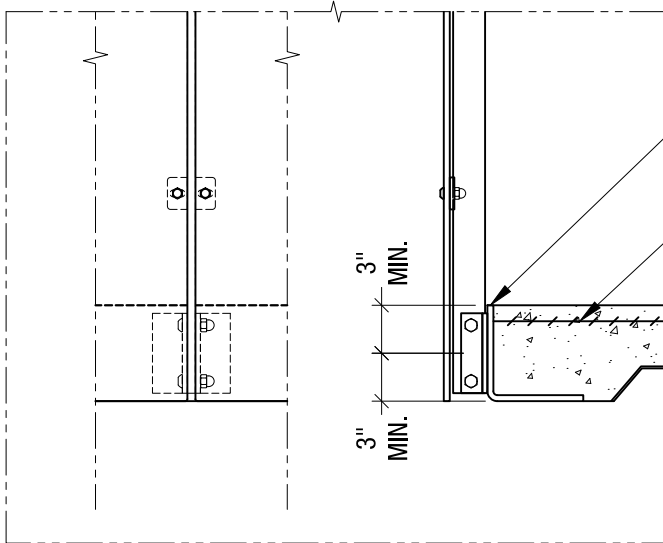
Welded @ Steel Channel - \$\$

Detail# ST-F03



Welded @ Steel Tube - \$\$

Detail# ST-F04



3/8" THICK POUR STOP (BY OTHERS)

STUD or DEFORMED REBAR (BY OTHERS)

Welded @ Steel Angle - \$\$

Detail# ST-F05

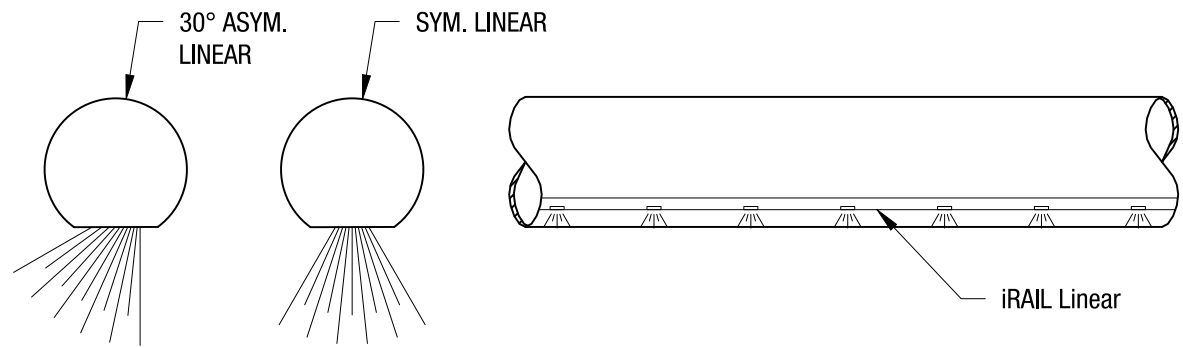
(1) Min. 4000 PSI concrete, Typ.

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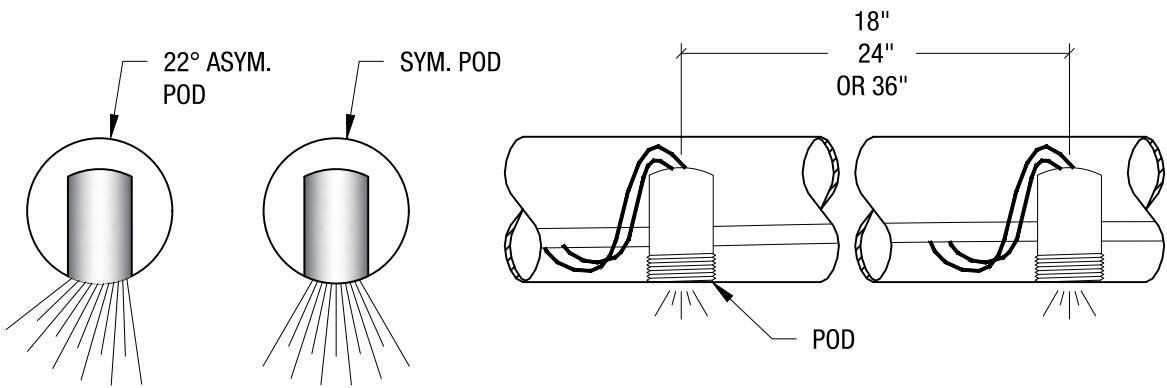


STRUC RAILING SYSTEM

ILLUMINATED RAILING

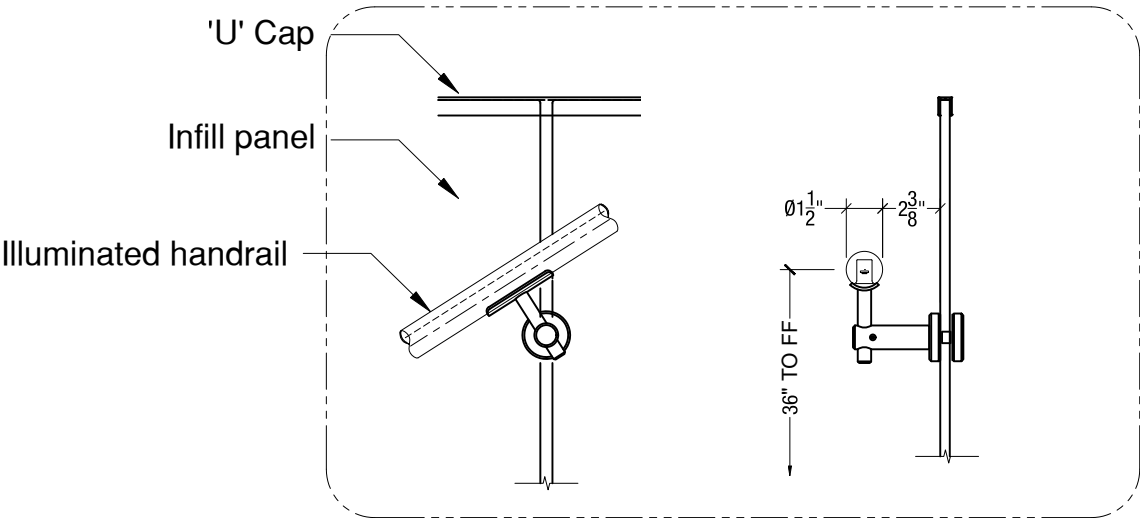


iRAIL LINEAR ORIENTATION OPTIONS



iRAIL POD ORIENTATION OPTIONS

iRAIL POD SPACING OPTIONS



Illuminated Handrail Option

iRAIL LIGHTED RAILING SYSTEM



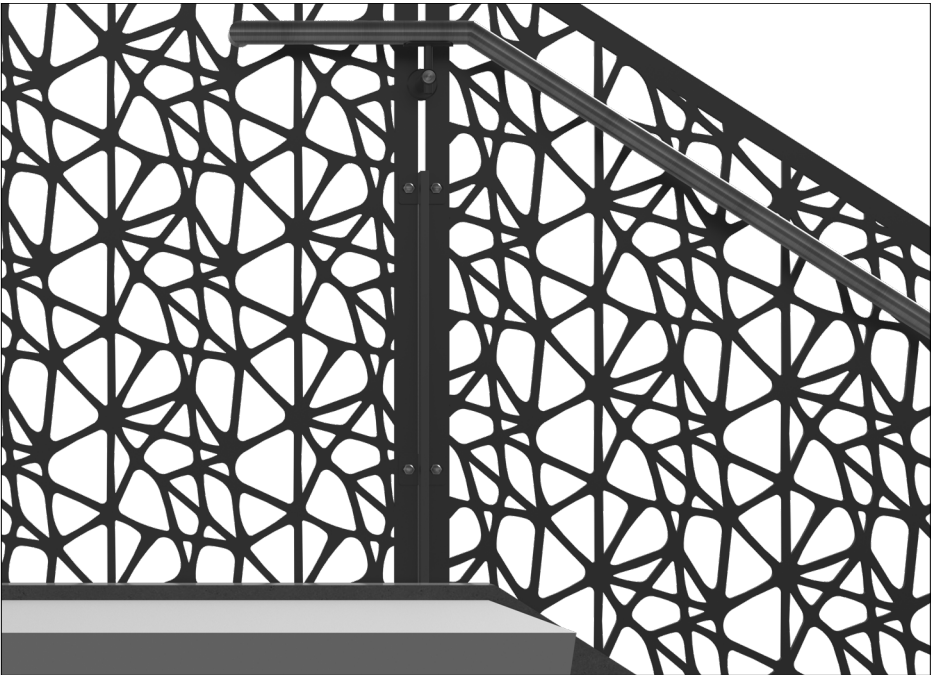
STRUC METAL PANEL RAILING SYSTEM

FINISHING OPTIONS

#6 Satin (Post)



Powder Coat*



Powder coating is an environmentally-friendly option because it doesn't rely on solvents or chemical carriers. Instead, an electrostatic charge holds the paint to the steel, thus eliminating VOC emissions which will help in regards to LEED requirements. In addition, it meets AAMA specifications. Powder coating is durable and scratch resistant so it weathers and retains its original hue better than conventional liquid coatings.*



[POWDER COAT FINISHING OPTIONS](#)

The digital swatches of our powder coat colors may not accurately represent the actual real-life samples. Factors such as monitor settings, lighting conditions, and individual perception can affect the colors you see on your screen. We suggest using the swatches as a general reference for color, shade, and hue, rather than expecting an exact match. For the most precise color selection, we recommend requesting physical samples or visiting our office in Lewisville, TX to evaluate the powder coat colors in person.

Please note that while we offer a diverse range of standard powder coat colors to complement our products, any selections outside of these standard options may incur additional costs. We encourage you to consult with our specialists to explore all available options and make the best decision for your project needs.



STRUC METAL PANEL RAILING SYSTEM SAVANNAH COLLEGE

SCAD COLLEGE OF ART AND DESIGN - ATLANTA, GA
General Contractor: Clayco Inc
Architect: Mackey Mitchell Associates



STRUC METAL PANEL RAILING SYSTEM WEST COAST UNIVERSITY

WCU

WEST COAST UNIVERSITY - RICHARDSON, TX
General Contractor: HRNCIR Construction
Architect: Gensler



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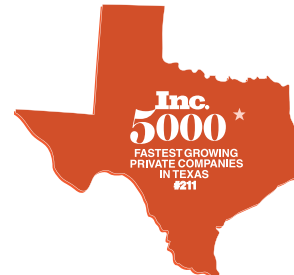
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