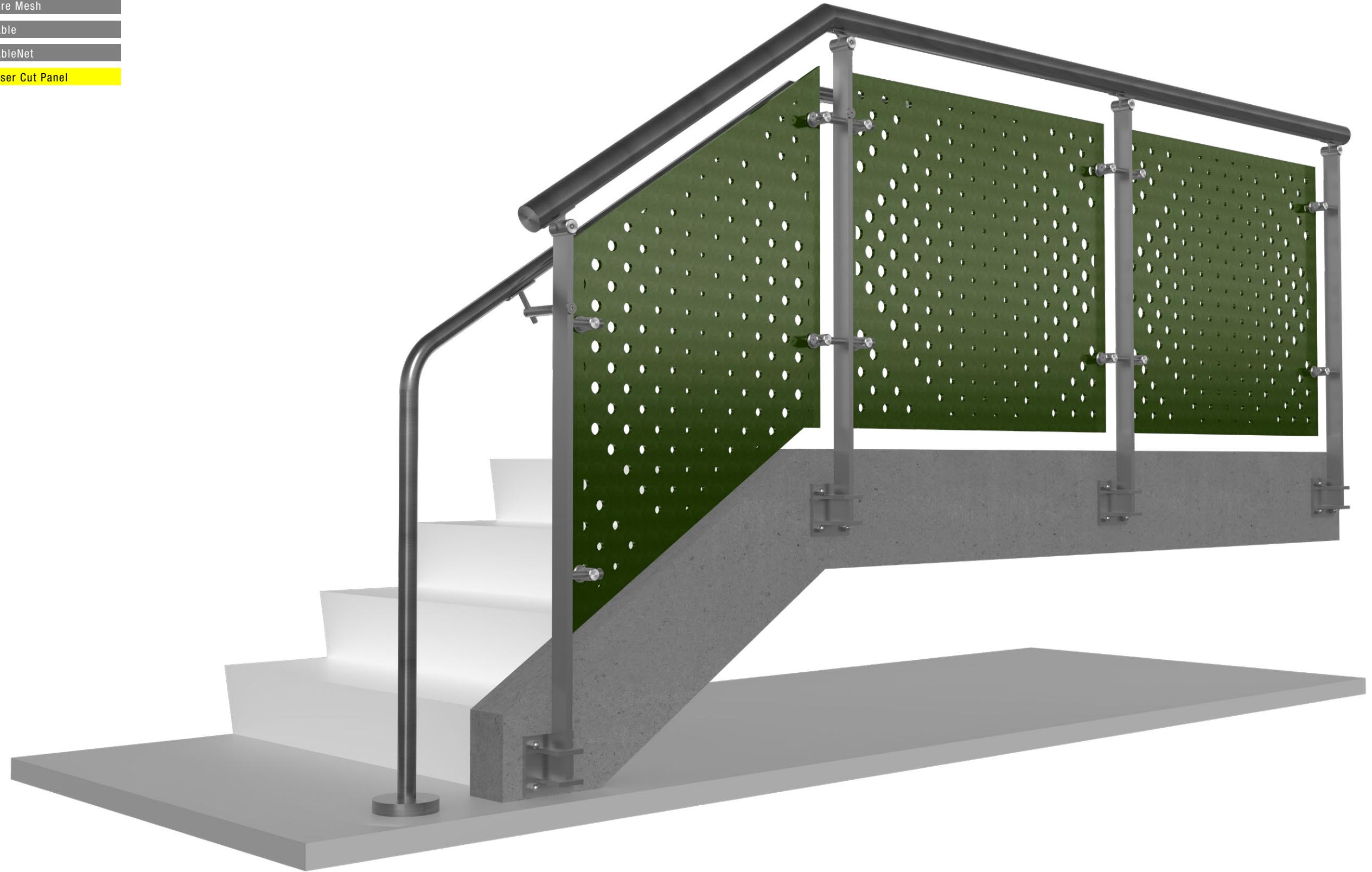
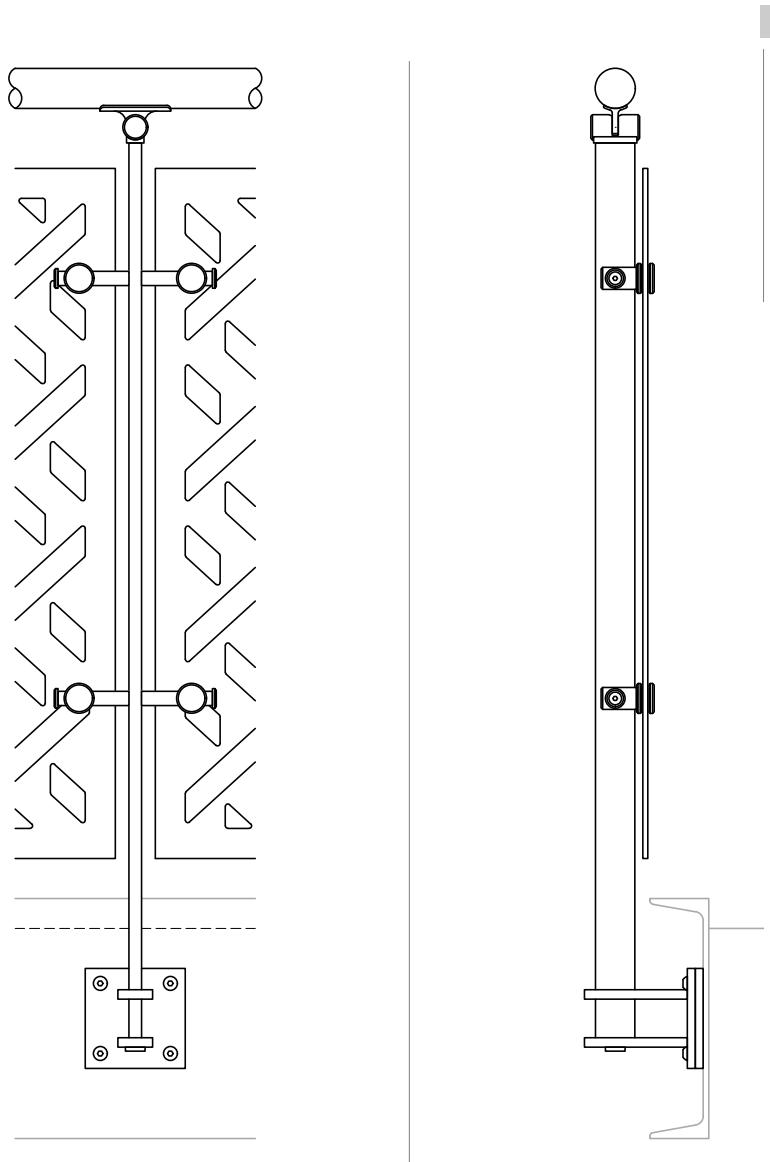


BEACON - AVAILABLE INFILLS
Glass
Perforated Metal
Wire Mesh
Cable
CableNet
Laser Cut Panel

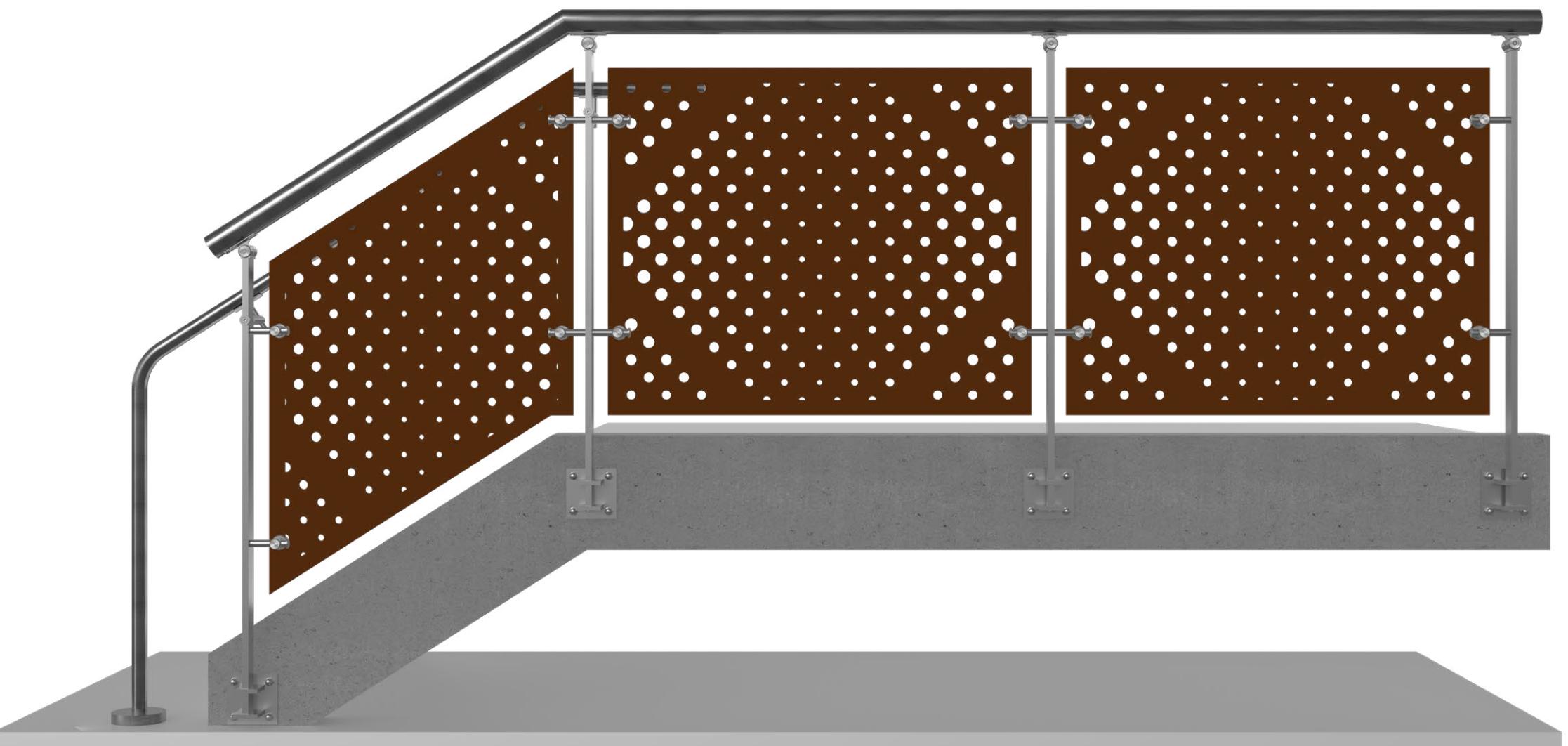
BEACON™ LASER CUT PANEL RAILING SYSTEM PRODUCT DATA



BEACON™ LASER CUT PANEL RAILING SYSTEM



Other mounting options available.



Our BEACON Stainless Steel Railing System has a modern design with clean lines. This sleek system consists of single flat bar posts that are available in a range of striking metallic colors to accent your interior layout.



BEACON™ GLASS & METAL SYSTEM - TECHNICAL DATA

	MATERIAL	FINISH	SIZE/SPACING
POST	<p>Stainless Steel (304 or 316)</p> <p>Stainless Steel (201)</p>	<ul style="list-style-type: none"> - #6 Satin - CeraShield (Recommended) - Powder Coat - PVDF <p>VIVA Standard: All brackets, spiders, and accessories are satin finish stainless steel and are not coated. A coated finish is available upon request.</p>	<p>2" Flat bar @ 5'-0" max. O.C. for glass infill, 4'-6" max. for perforated and wire mesh infill. 2"x2" End post, 2" flat bar intermediate post @ 4'-0" max. for cable infill. Fascia, Top or Core mount.</p>
INFILL OPTIONS	<p>Glass</p> <p>Perforated Metal</p> <p>Laser Cut</p> <p>Steel Wire Mesh Weld <small>Applies for WM-38ST and WM-50ST wire mesh options.</small></p> <p>Stainless Steel Wire Mesh Weld <small>Applies for WM-38SS and WM-50SS wire mesh options.</small></p> <p>Stainless Steel Wire Mesh Woven <small>Applies for WM-10SS, WM-11SS, WM-13SS and WM-14SS wire mesh options.</small></p> <p>Cable</p> <p>CableNet</p>	<p>Clear, Digitally Printed, Tinted, Colored Interlayer, Cast</p> <ul style="list-style-type: none"> - #6 Satin - CeraShield (Recommended) - Powder Coat - PVDF <p>#6 Satin</p>	<p>Min. 3/8" laminated glass with PVB or SGP interlayer¹ Glass standard thickness: 3/8", 1/2", 5/8", 3/4"</p> <p>Interlayer standard thickness: SGP: 0.035" , 0.06" PVB: 0.035"</p> <p>1" wide frame</p> <p>1/4" thick aluminum</p> <p>1" wide frame</p> <p>Ø3/16" cable</p> <p>Ø1" frame, Ø1/16" (1.5mm) cable mesh</p>
TOP RAIL/HAND RAIL	<p>Stainless Steel Tube</p> <p>Stainless Steel Tube with LED ²</p> <p>Wood (Red Oak, Cherry or Maple) ³</p> <p>Wood (Red Oak, Cherry or Maple) with LED</p>	<ul style="list-style-type: none"> - #6 Satin (Recommended) - CeraShield - Powder Coat - PVDF <p>Unstained</p>	<p>Ø1-1/2" or Ø2" for Hand Rail Ø1-1/2", Ø2" or 2"x1" Rectangular Tube for Top Rail</p> <p>Ø1-1/2" with LED LINEAR, Ø1-1/2" or Ø2" with LED POD</p> <p>Ø2"</p> <p>Ø2" with LED LINEAR</p>



1. IBC 2015 & newer requires railing glass to be laminated. VIVA recommends SGP for exterior applications.

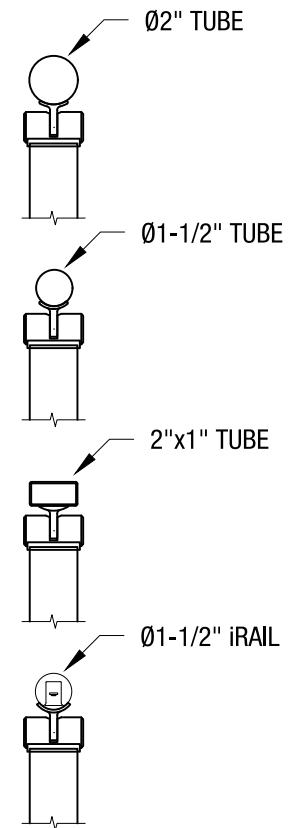
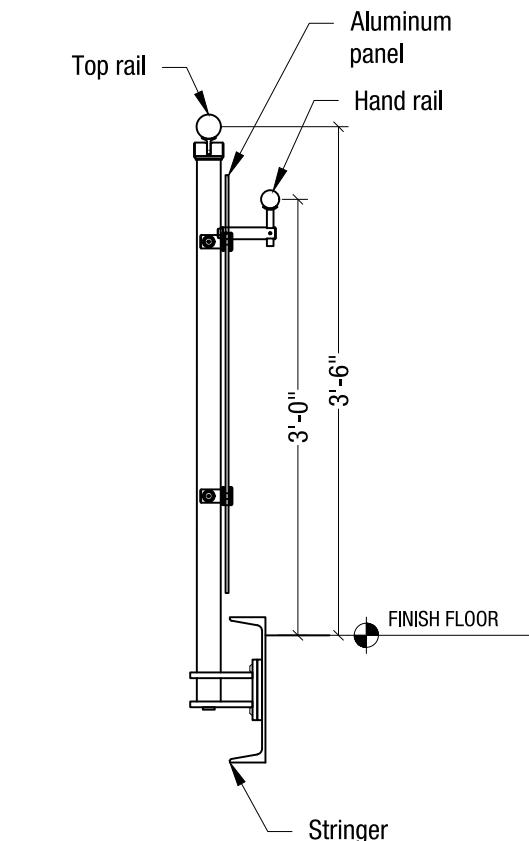
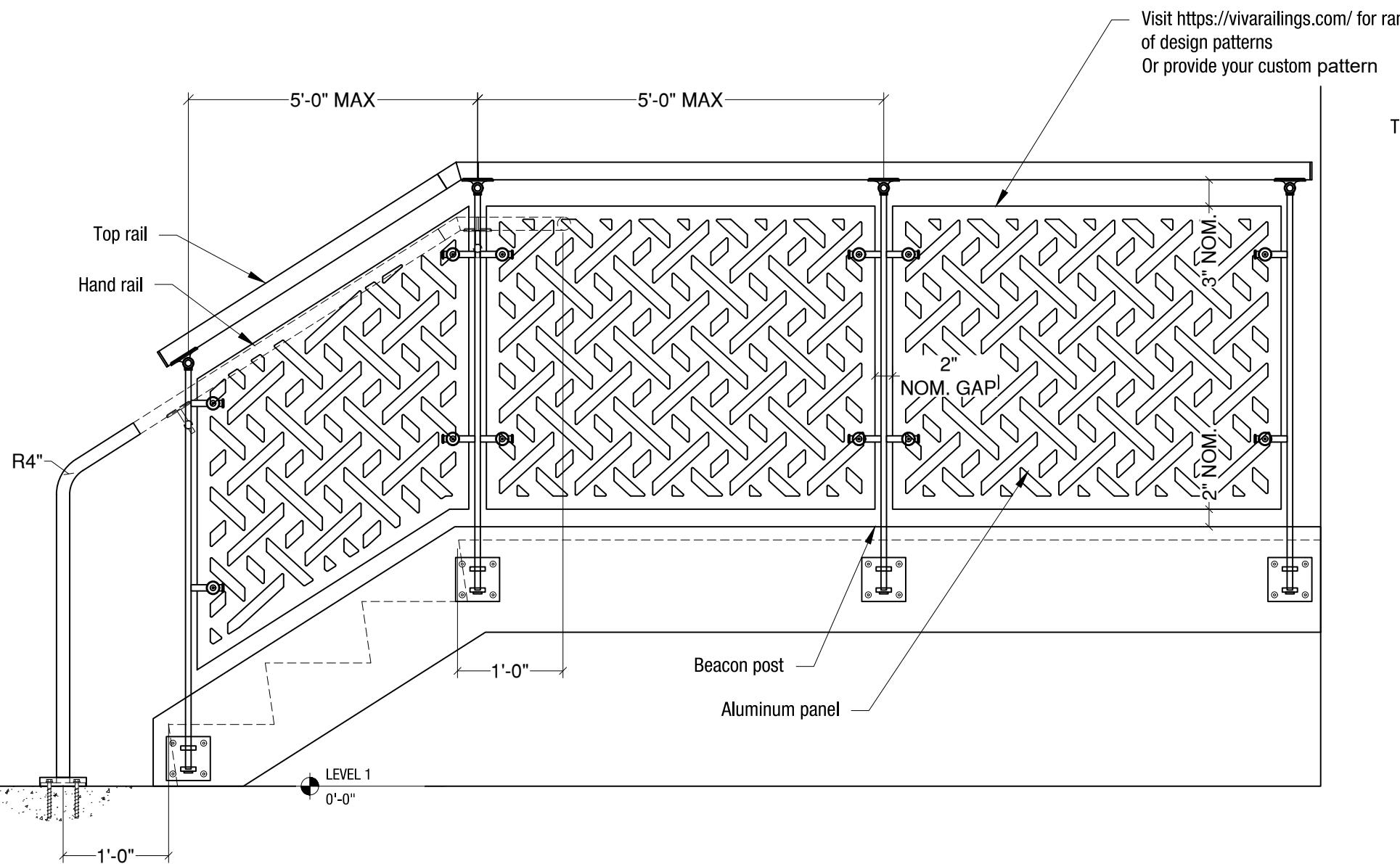
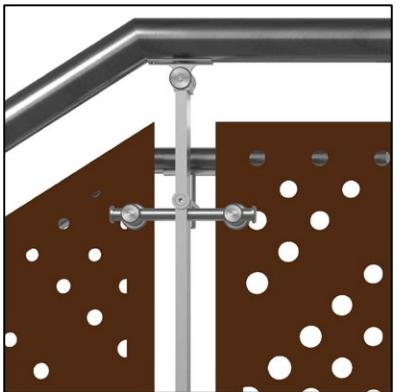
2. All LED LINEAR products are ETL certified; ETL mark is proof of product compliance to North American safety standard.

3. Other species available upon request.

4. \$ to \$\$\$: Indicates finish type comparative cost.



BEACON RAILING SYSTEM LASER CUT INFILL

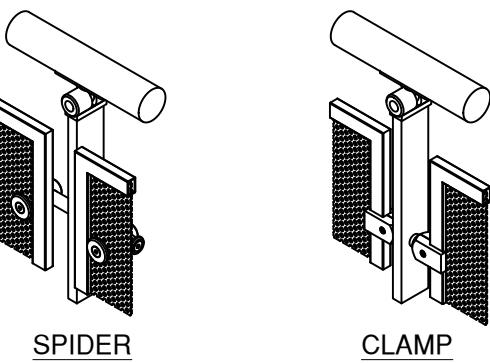
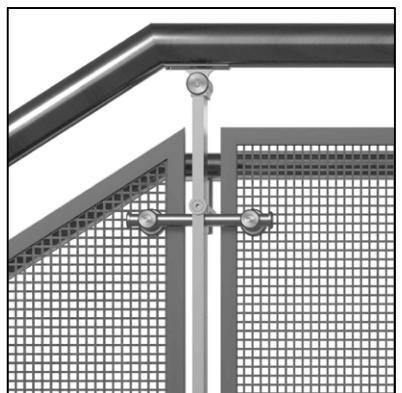


TOP RAIL OPTIONS

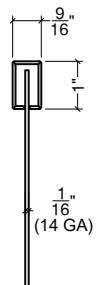
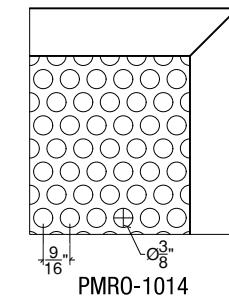
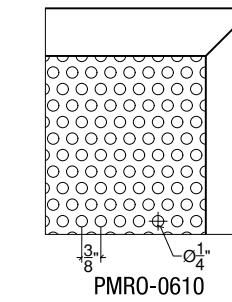
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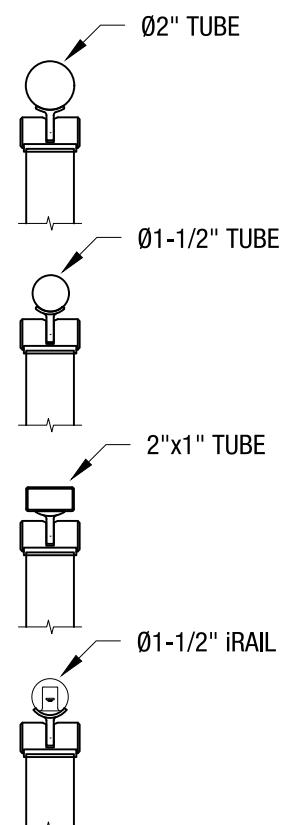
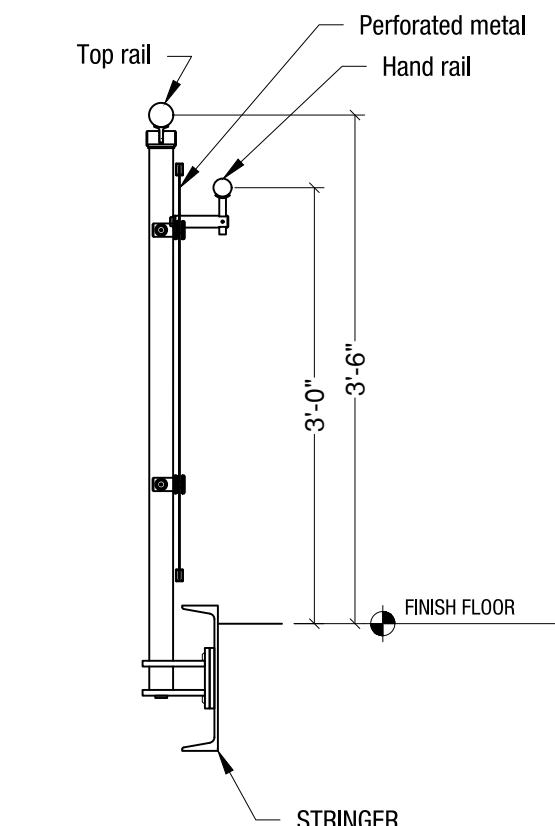
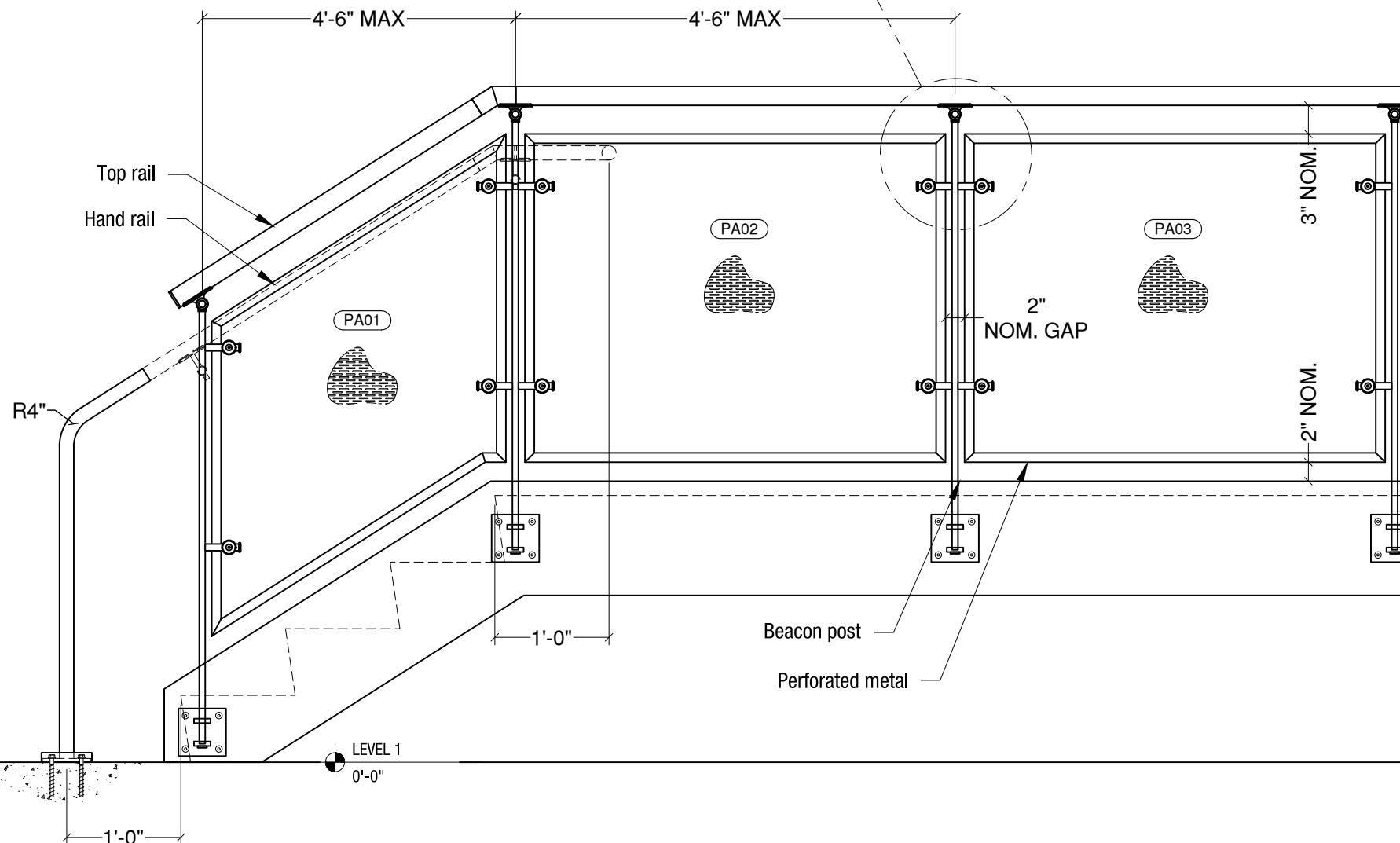
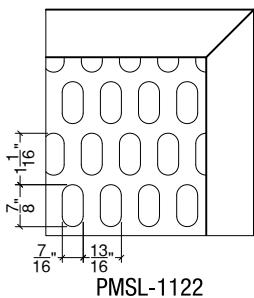
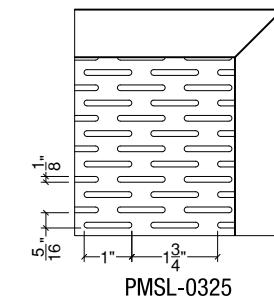
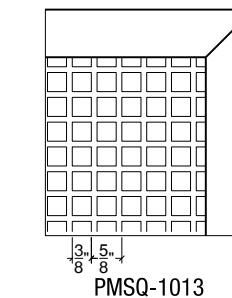
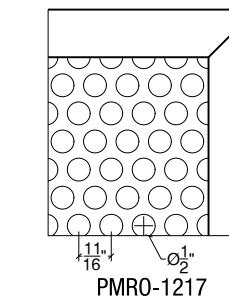
BEACON RAILING SYSTEM PERFORATED METAL INFILL



AVAILABLE PERFORATED PERFORATED TYPES



SECTION VIEW



TOP RAIL OPTIONS

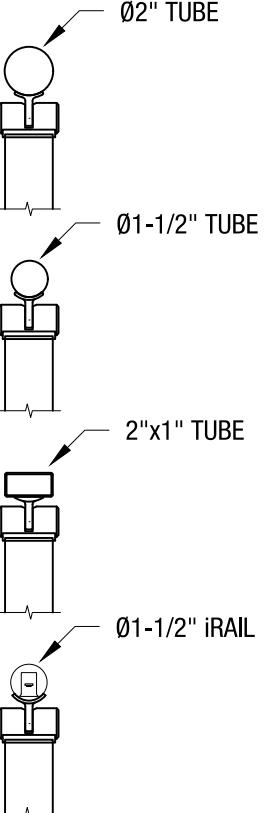
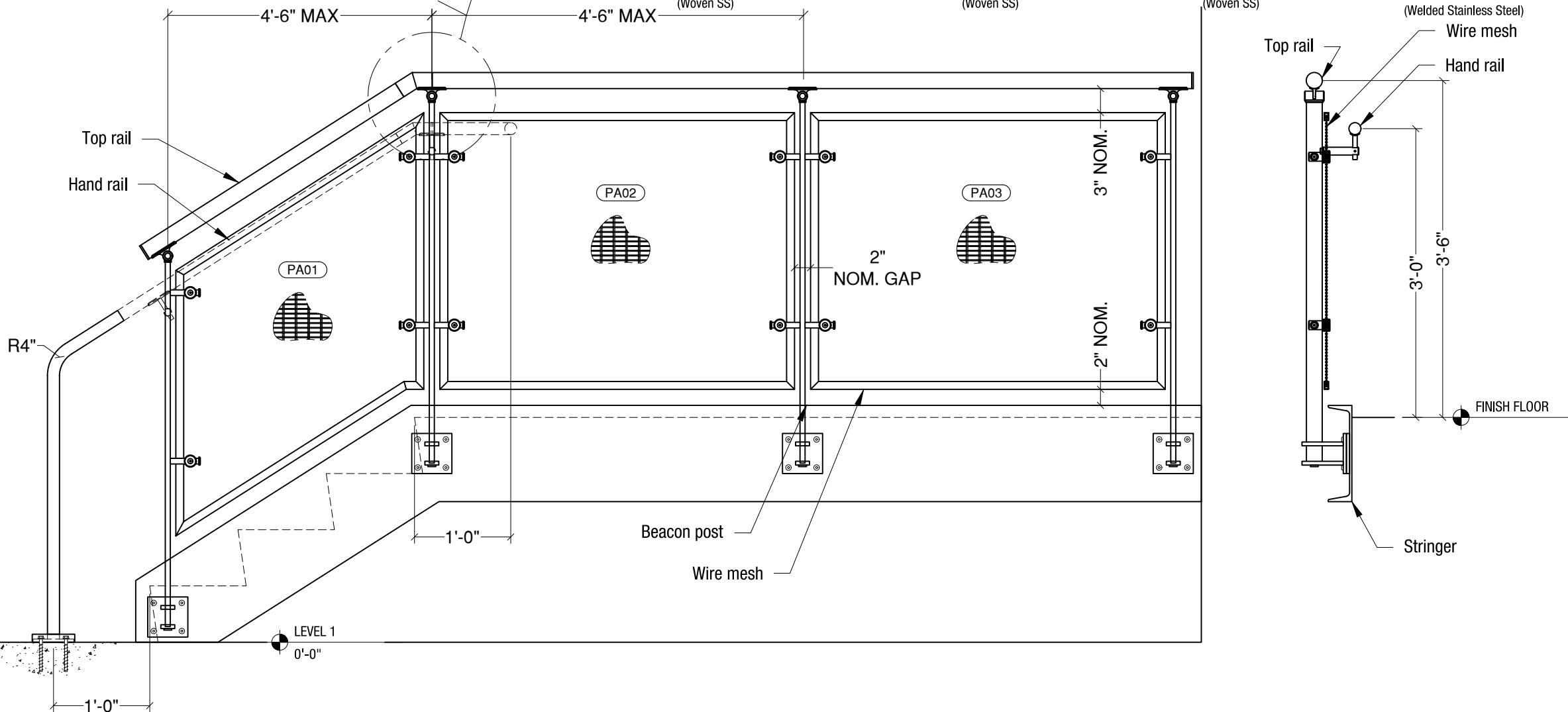
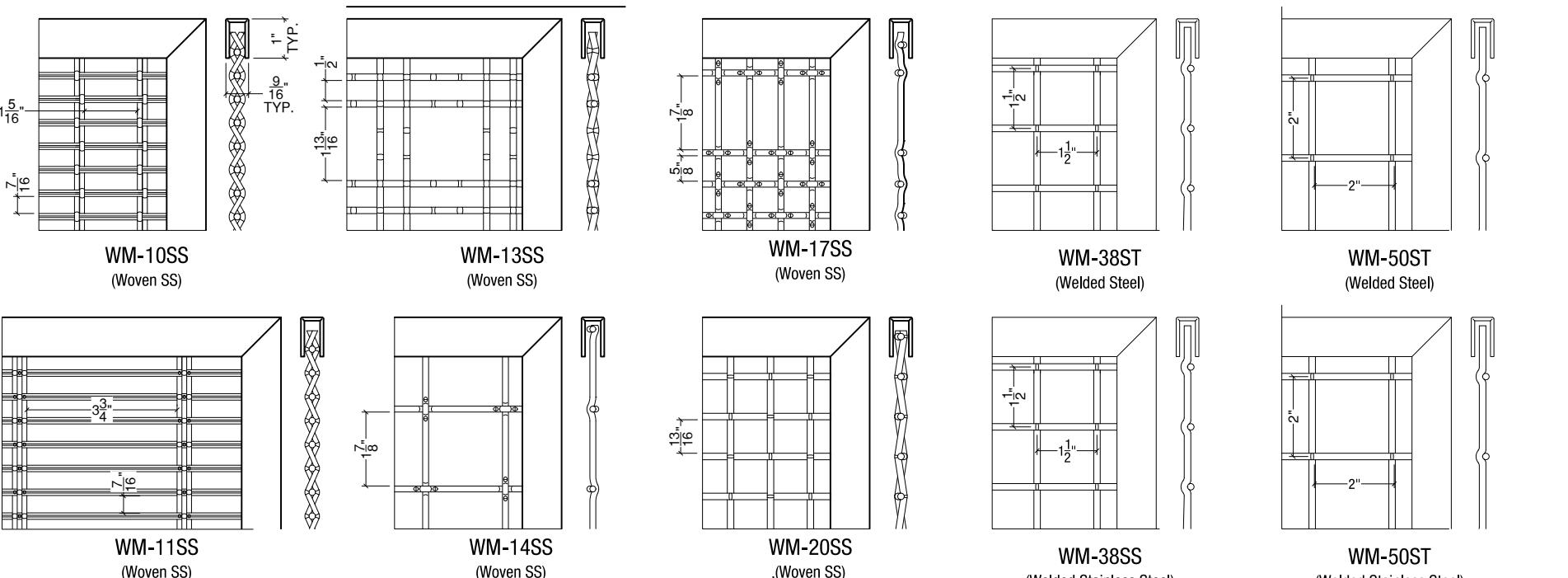
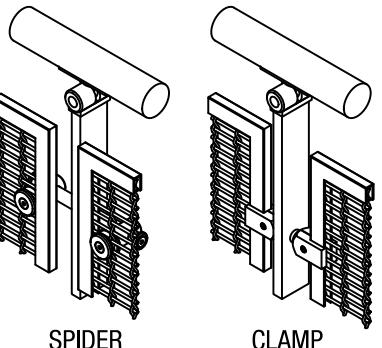
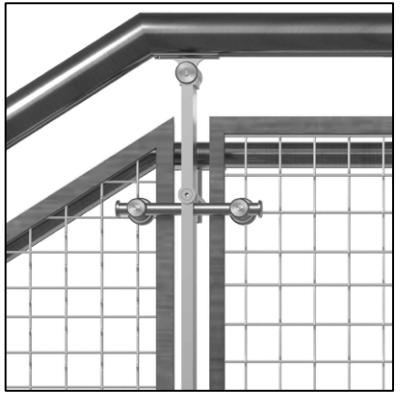
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BEACON RAILING SYSTEM

WIRE MESH INFILL

AVAILABLE WIRE MESH TYPES

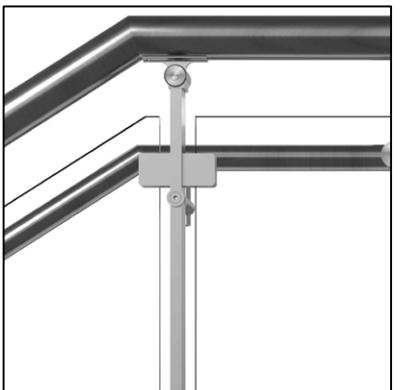


TOP RAIL OPTIONS

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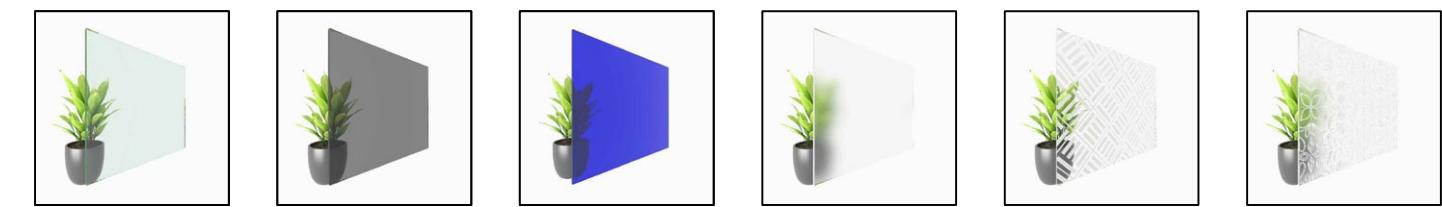


BEACON RAILING SYSTEM GLASS INFILL



AVAILABLE GLASS TYPES

AVAILABLE GLASS TYPES:



Clear Laminated
(PVB or SGP)

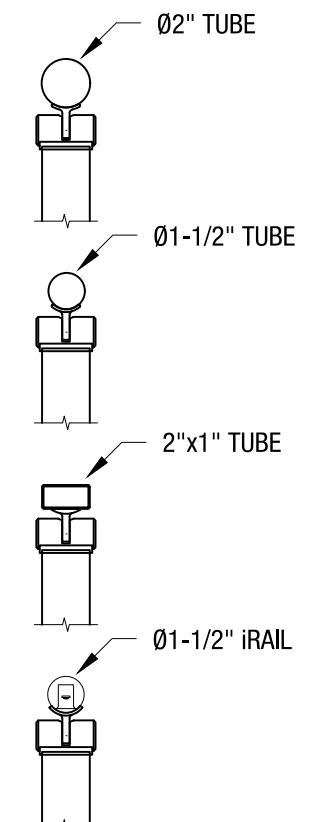
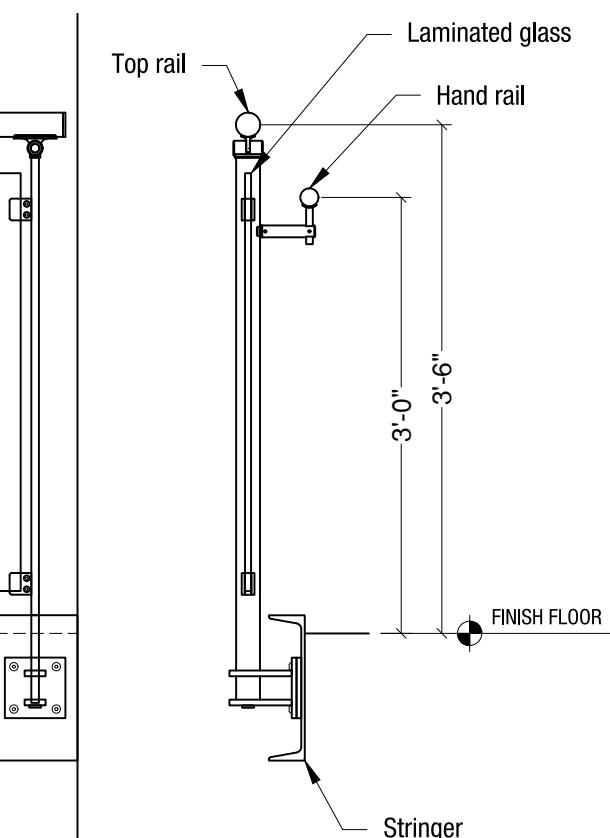
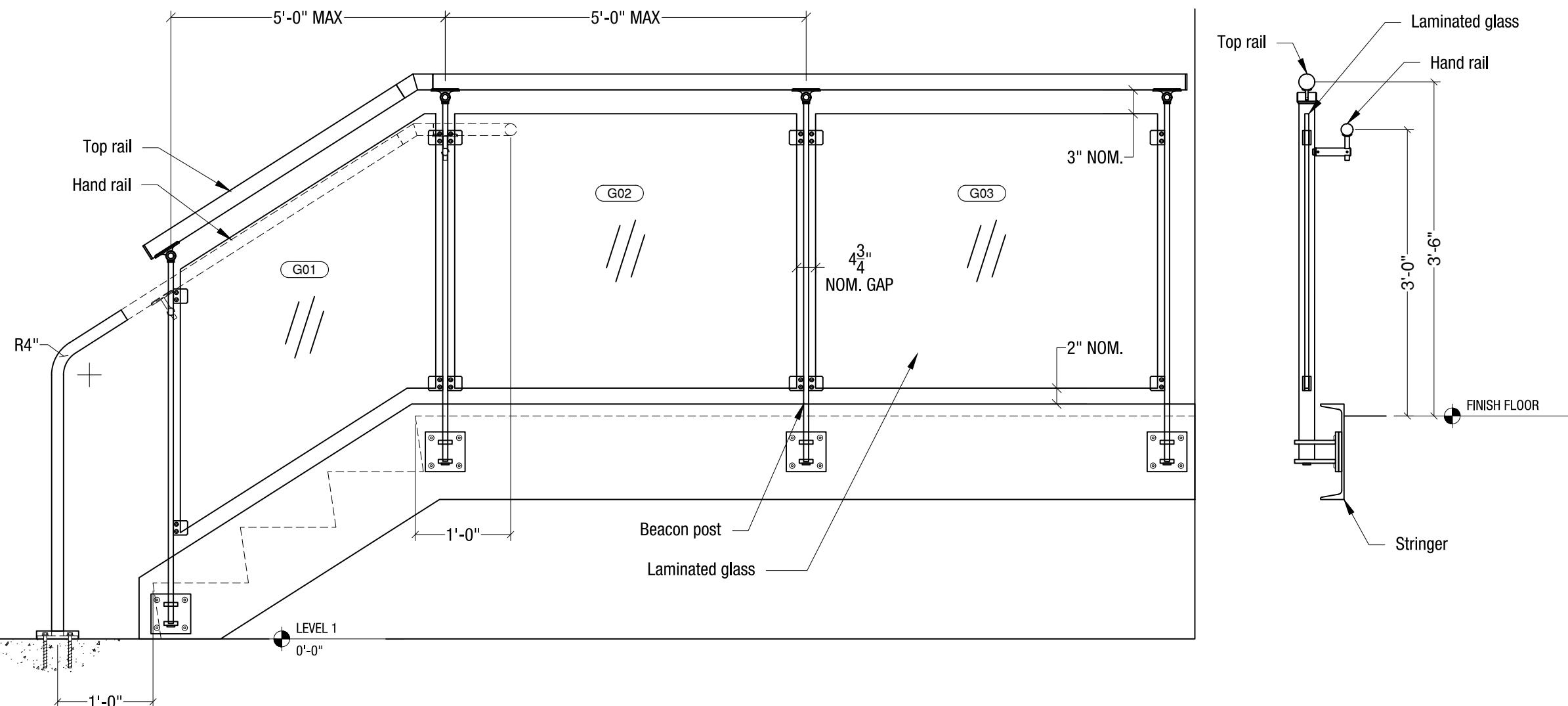
Tinted

Colored Interlayer

Frosted

Ceramic Frit

Casted

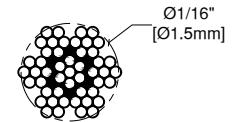
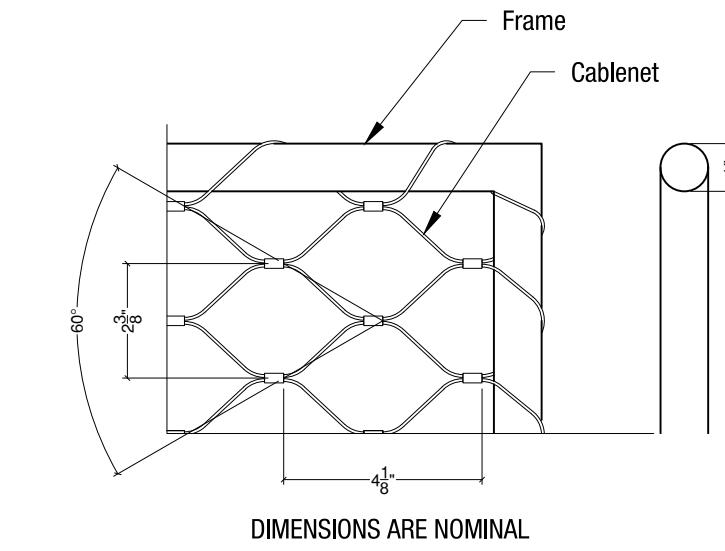
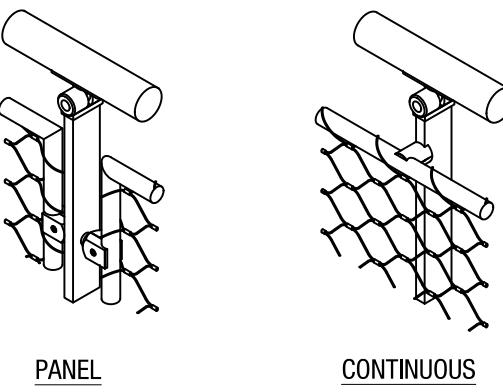
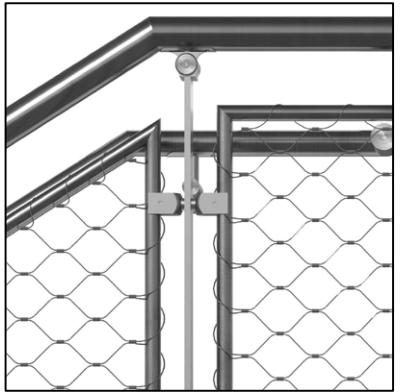


TOP RAIL OPTIONS

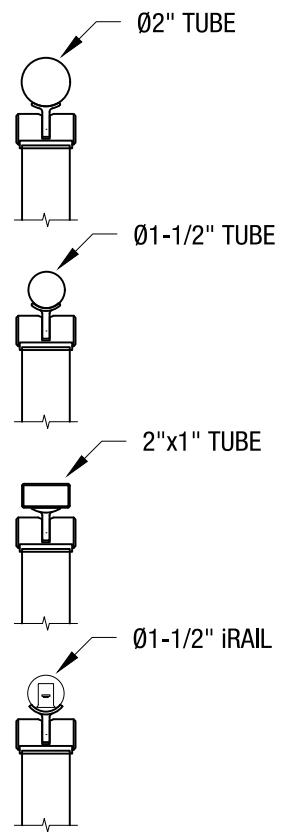
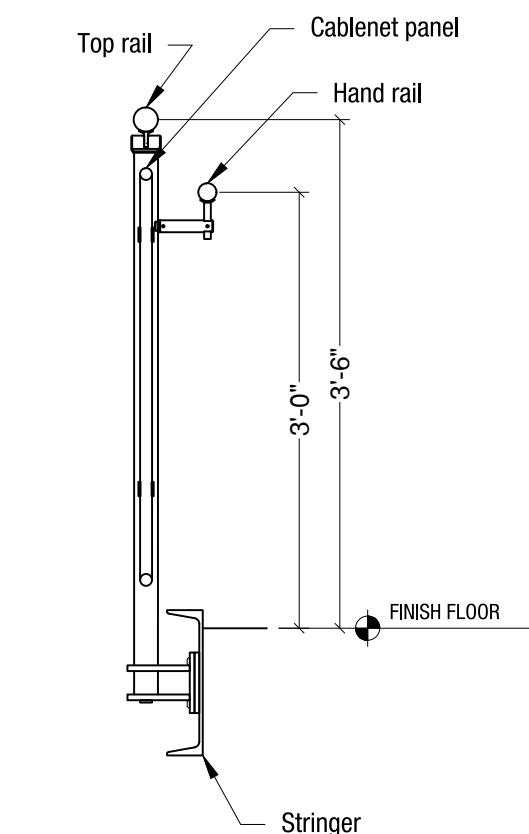
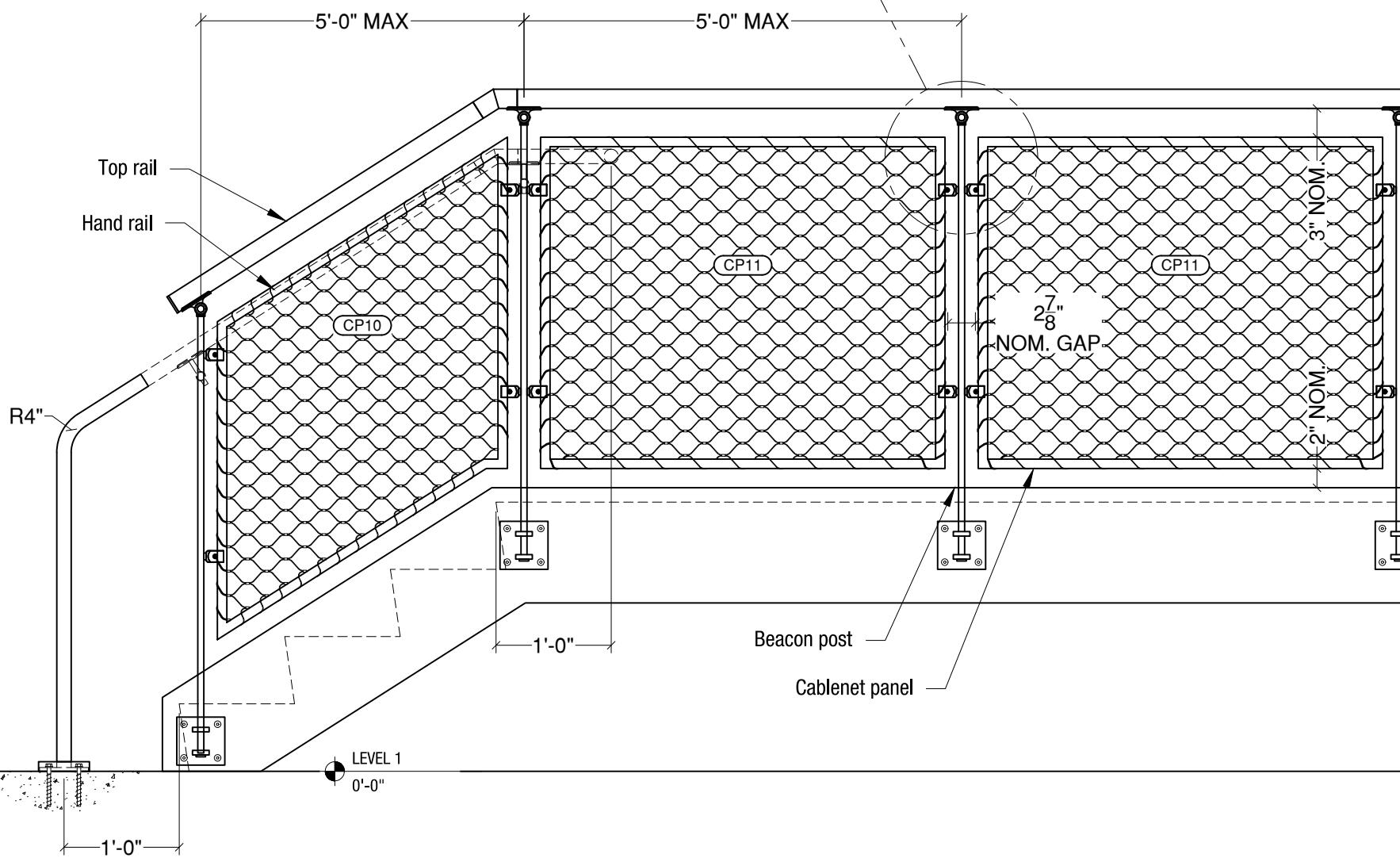
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BEACON RAILING SYSTEM CABLENET INFILL



7x7 CONSTRUCTION
CABLE

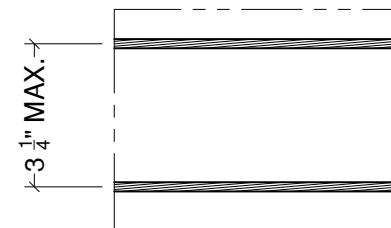
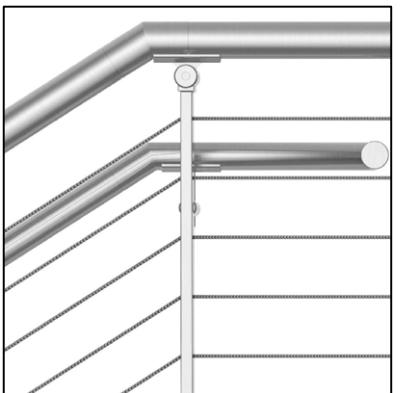


TOP RAIL OPTIONS

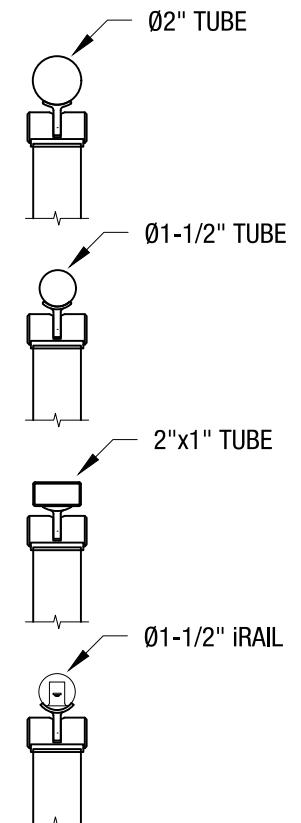
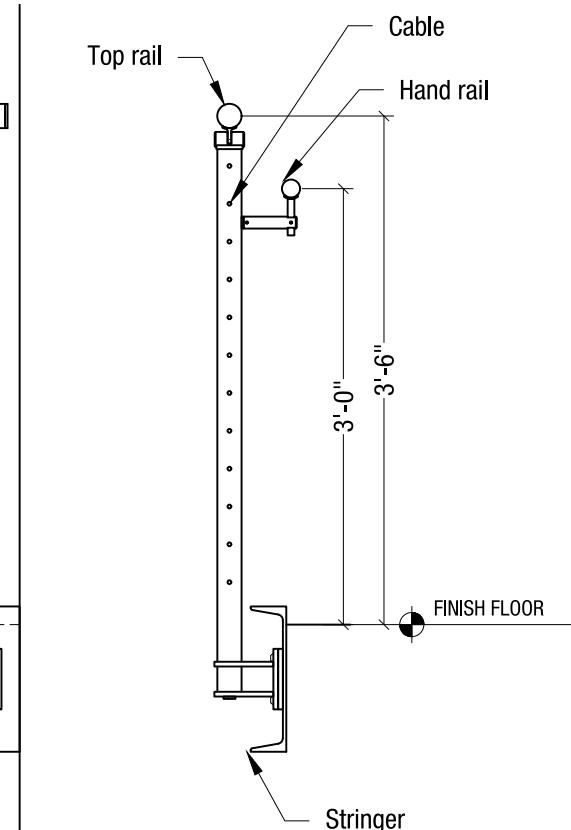
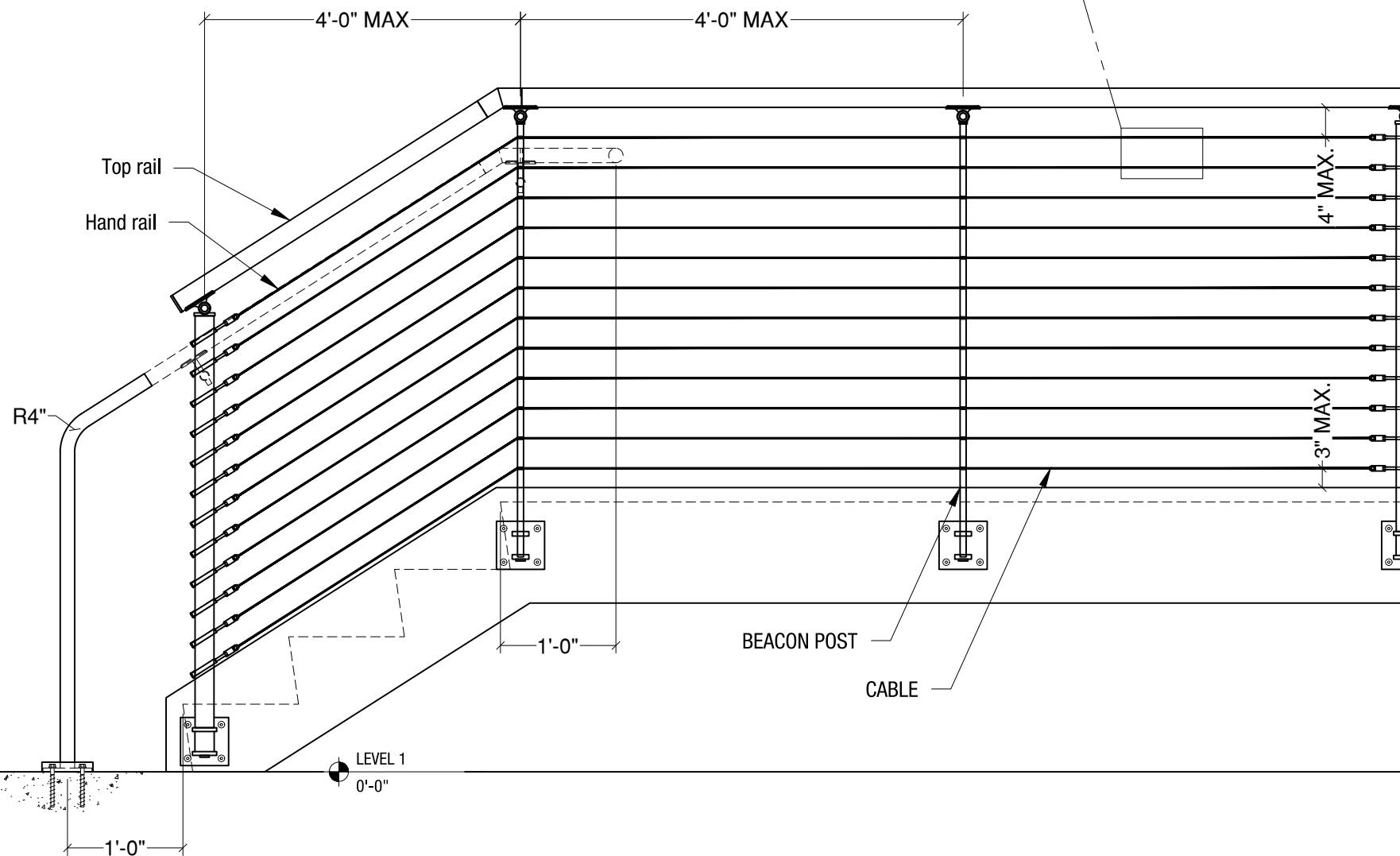
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BEACON RAILING SYSTEM CABLE INFILL



Stainless Steel 316 Cable
Ø3/16", 1X19 Construction



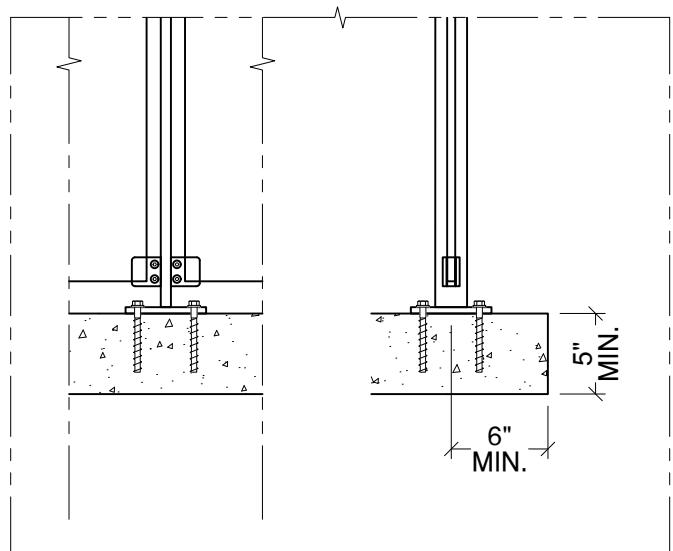
TOP RAIL OPTIONS

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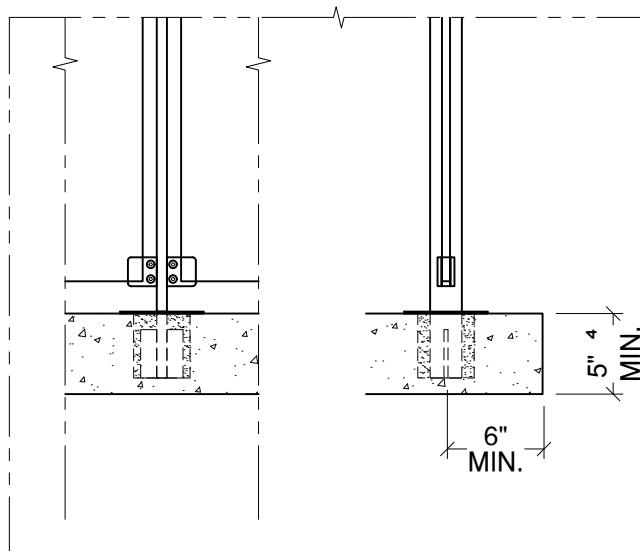
BEACON RAILING SYSTEM

MOUNTING CONDITION, TOP MOUNTED POST



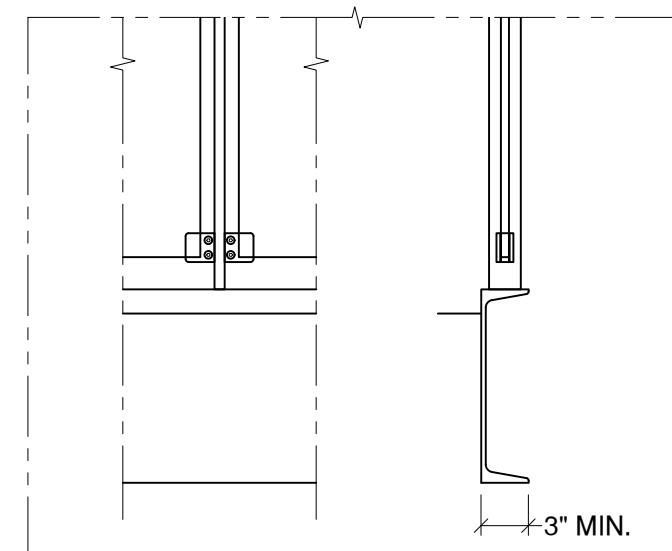
Anchored to Concrete ¹ - \$ ²

Detail# BE-T01 ³



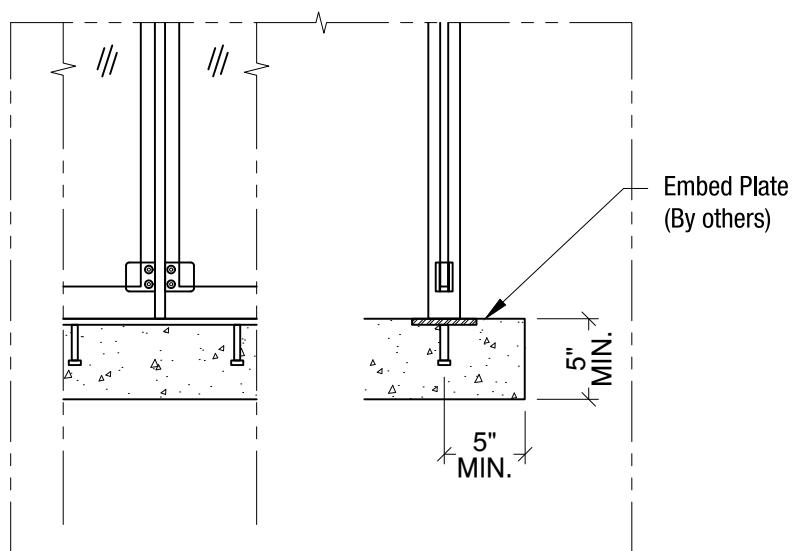
Cored into Concrete - \$\$

Detail# BE-T02



Welded @ Steel Channel - \$

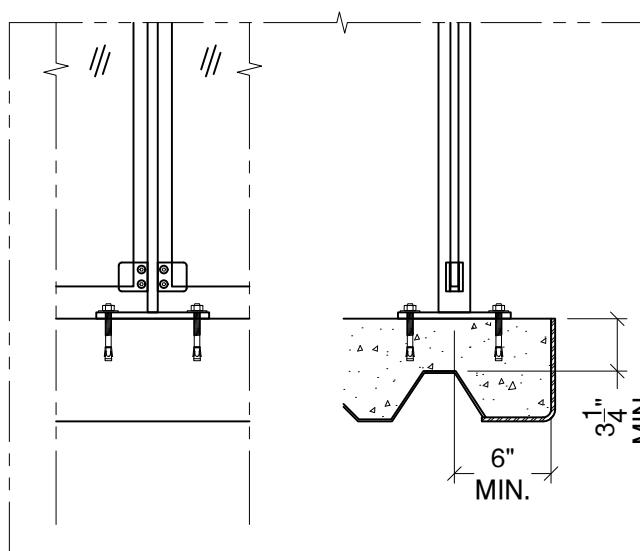
Detail# BE-T03



Welded @ Embed Plate - \$

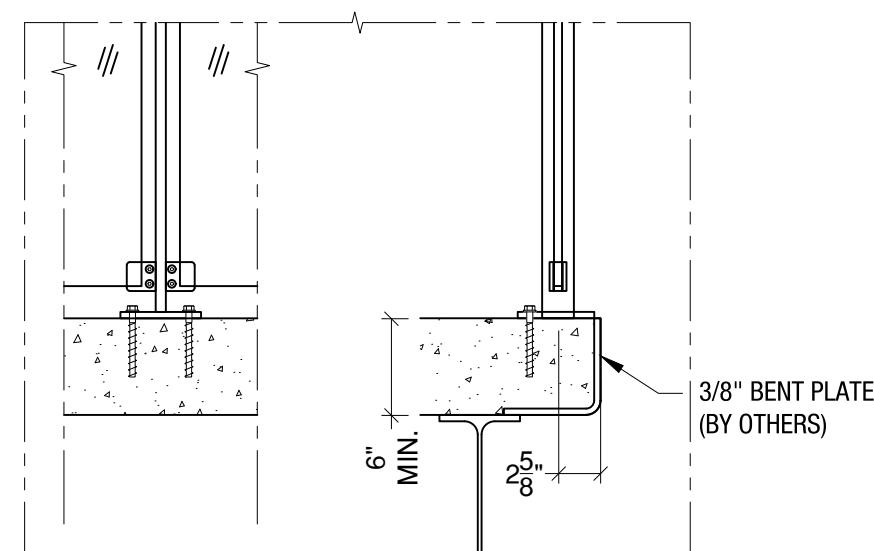
Detail# BE-T04

- (1) Min. 4000 PSI concrete, Typ.
- (2) \$ to \$\$: Indicates mounting type comparative cost
- (3) Anchoring is not an available option for top mount with cable infill
- (4) 6 $\frac{1}{2}$ Min. for end post with cable infil



Anchored to Concrete Slab on Deck - \$\$

Detail# BE-T05



Anchored to Concrete
Welded to Steel Plate - \$

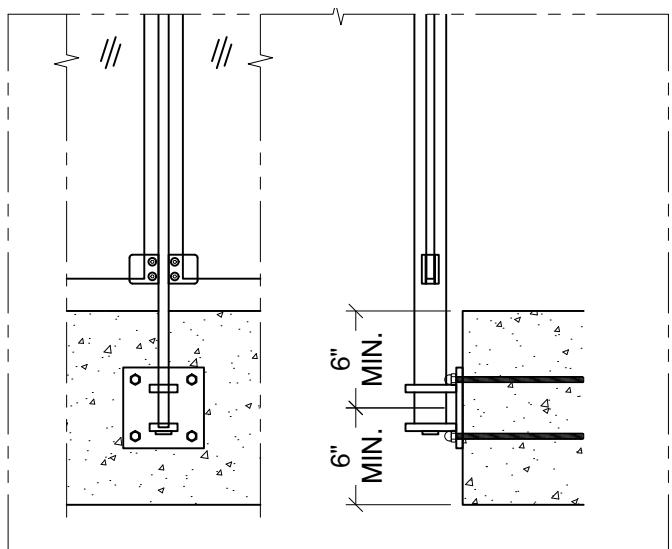
Detail# BE-T06

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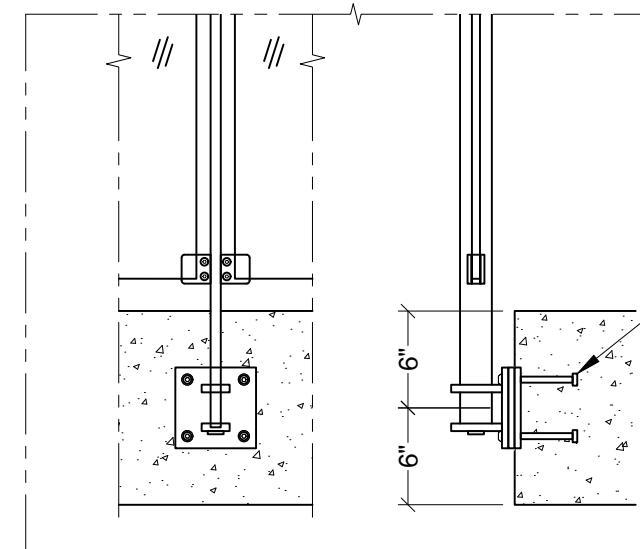
BEACON RAILING SYSTEM

MOUNTING CONDITION, FASCIA MOUNTED POST



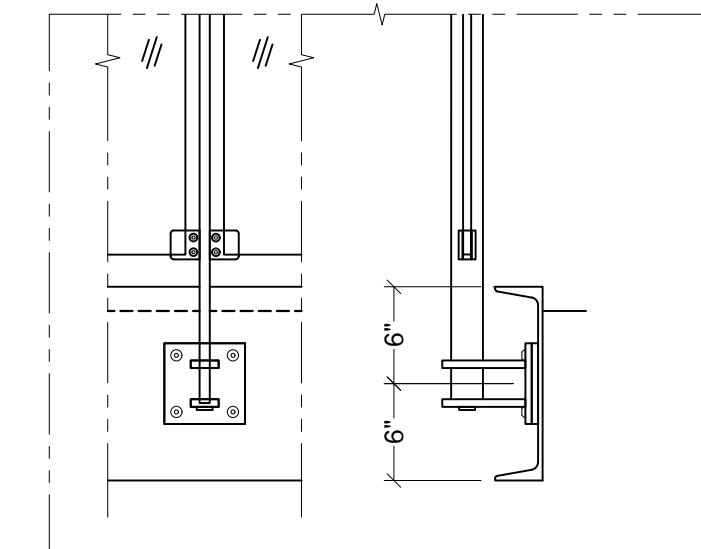
Anchored to Concrete¹ - \$\$\$

Detail# BE-F01²



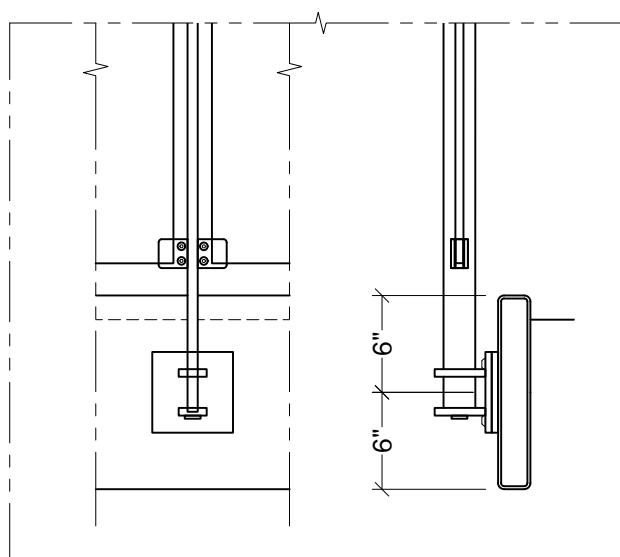
Welded @ Embed Plate - \$\$

Detail# BE-F02



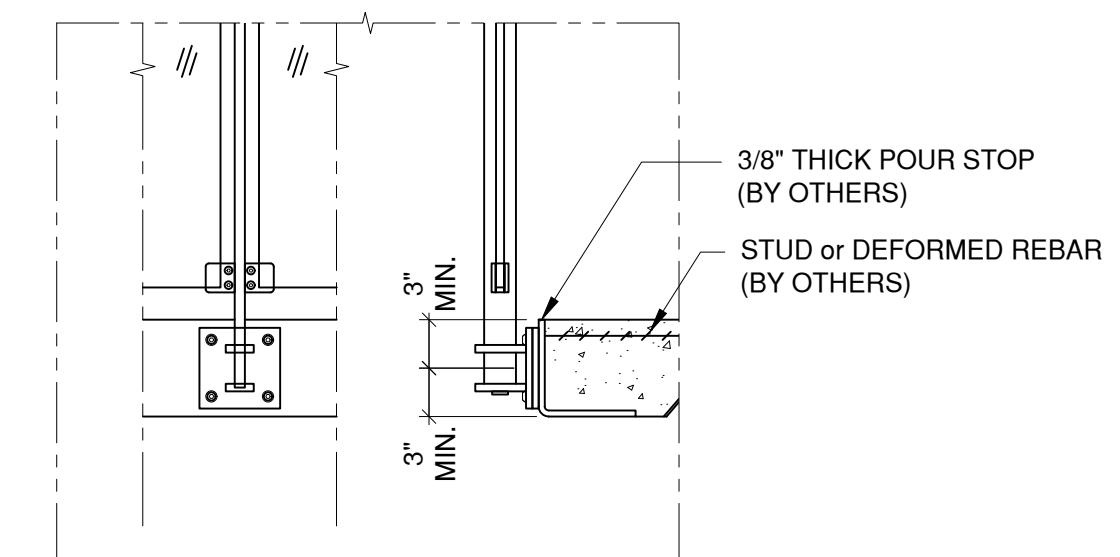
Welded @ Steel Channel - \$\$

Detail# BE-F03



Welded @ Steel Tube - \$\$

Detail# BE-F04



Welded @ Pour Stop - \$\$

Detail# BE-F05

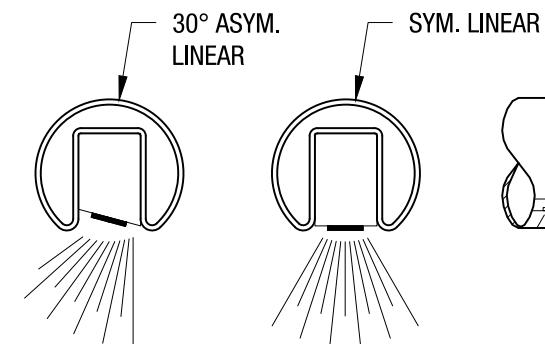
(1) Min. 4000 PSI concrete, Typ.

(2) Anchoring is not a recommended option for cable infill

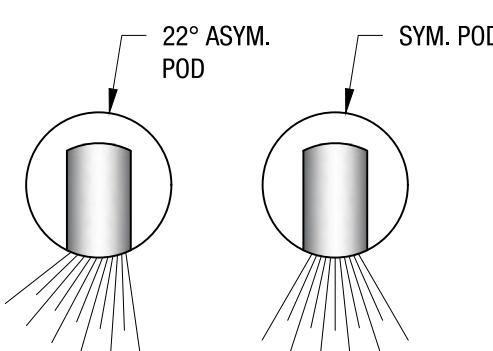
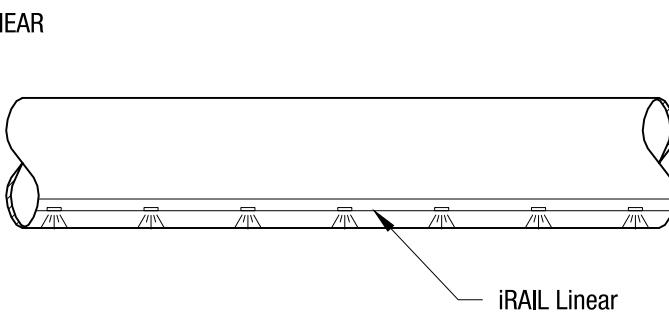
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BEACON RAILING SYSTEM

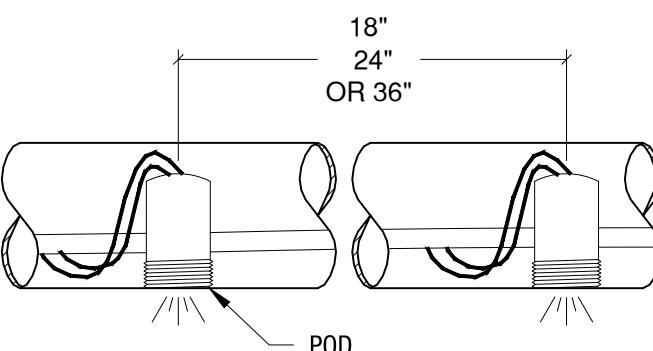
ILLUMINATED RAILING



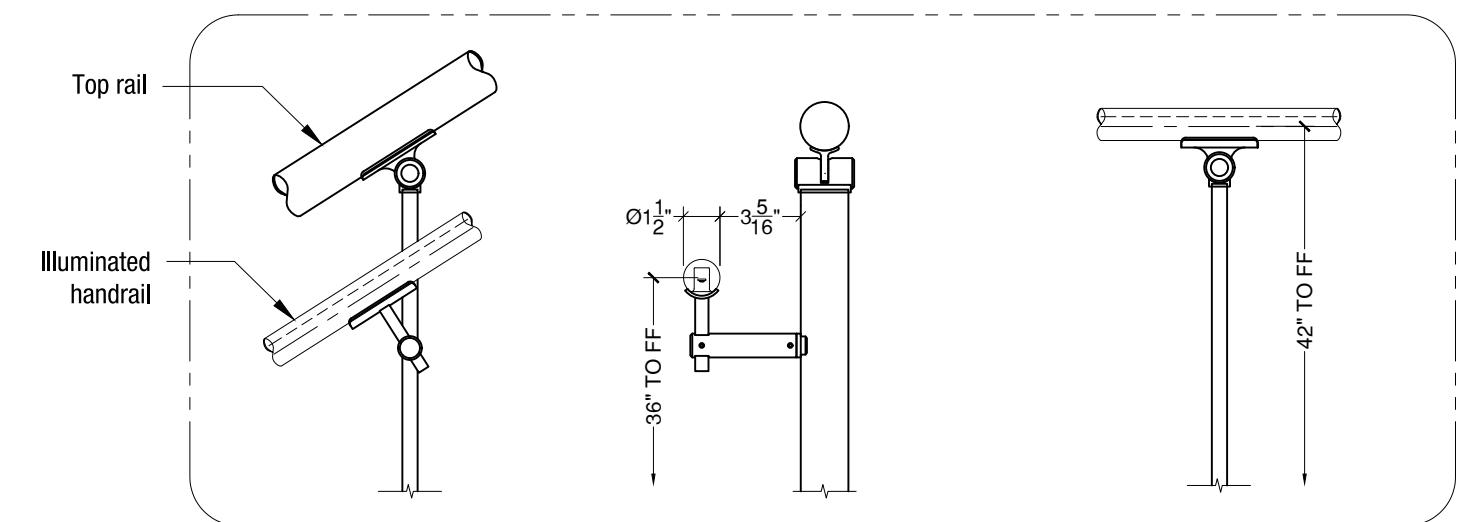
iRAIL LINEAR ORIENTATION OPTIONS



iRAIL POD ORIENTATION OPTIONS



iRAIL POD SPACING OPTIONS



Illuminated Handrail Option

Illuminated Toprail Option

iRAIL LIGHTED RAILING SYSTEM



BEACON LASER CUT PANEL RAILING SYSTEM

FINISHING OPTIONS

#6 Satin



CeraShield® Ceramic Coating



Powder Coat



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.

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](#)

[CERASHIELD 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.



BEACON GLASS RAILING SYSTEM AMERICAN AIRLINES HEADQUARTERS



AMERICAN AIRLINES HEADQUARTERS - FT. WORTH, TX

General Contractor: StructureTone-Southwest

Architect: Gensler



BEACON GLASS RAILING SYSTEM AMERICAN AIRLINES HEADQUARTERS



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