

BEACON™

PERFORATED METAL PANEL

DESIGN + ENGINEER + FABRICATE + INSTALL**BEACON- AVAILABLE INFILLS**☐ Glass☒ Perforated Metal☐ Wire Mesh☐ Cable☐ Cablenet

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

PRODUCT DATA

DESIGN + ENGINEER + FABRICATE + INSTALL


	MATERIAL	FINISH	SIZE/SPACING
POST	Stainless Steel (304 or 316)	#6 Satin, #8 Mirror	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.
	Stainless Steel (201)	ECM	
		Powder Coat	
INFILL OPTIONS	Glass with D-clamps	Clear, Tinted or Frit	Min. 3/8" laminated glass with PVB or SGP interlayer ¹ Glass standard thickness: 3/8", 1/2" Interlayer standard thickness, SGP: 0.035", 0.06" PVB: 0.035"
	Perforated Metal	#6 Satin	1" wide frame
	Wire Mesh		Ø3/16" cable
	Cable		Ø1" frame, Ø1/16" (1.5mm) cable mesh
	CableNet		
TOP RAIL/HAND RAIL	Stainless Steel U-Cap	#6 Satin, Powder Coat	1" Height U-Cap for Glass Top Rail
	Stainless Steel U-Cap with LED ³	#6 Satin	1" Height U-Cap with LED LINEAR for Glass Top Rail
	Stainless Steel Tube	#6 Satin, Powder Coat	Ø1-1/2" or Ø2" for Hand Rail
			Ø2" or 2"x1" Rectangular tube for Top Rail
	Stainless Steel Tube with LED	#6 Satin	Ø1-1/2" with LED LINEAR, Ø1-1/2" or Ø2" with LED POD
	Wood (Red Oak, Cherry or Maple) ²	Unstained	Ø2"
	Wood (Red Oak, Cherry or Maple) with LED		Ø2" with LED LINEAR

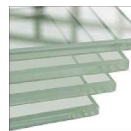


¹ IBC 2015 & newer requires railing glass to be laminated. VIVA recommends SGP for exterior applications.

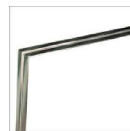
² All LED LINEAR products are ETL certified; ETL mark is proof of product compliance to North American safety standard.

³ Other species available upon request.

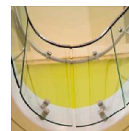
BEACON GLASS INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL
GLASS OPTIONS:


Clear Monolithic



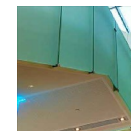
Clear Laminated (PVB or SGP)



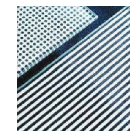
Bent



Tinted



Satin Etched



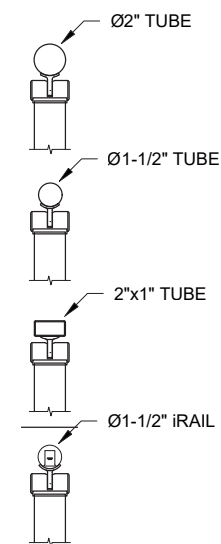
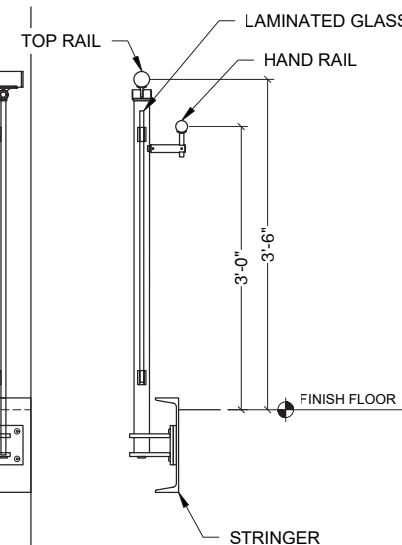
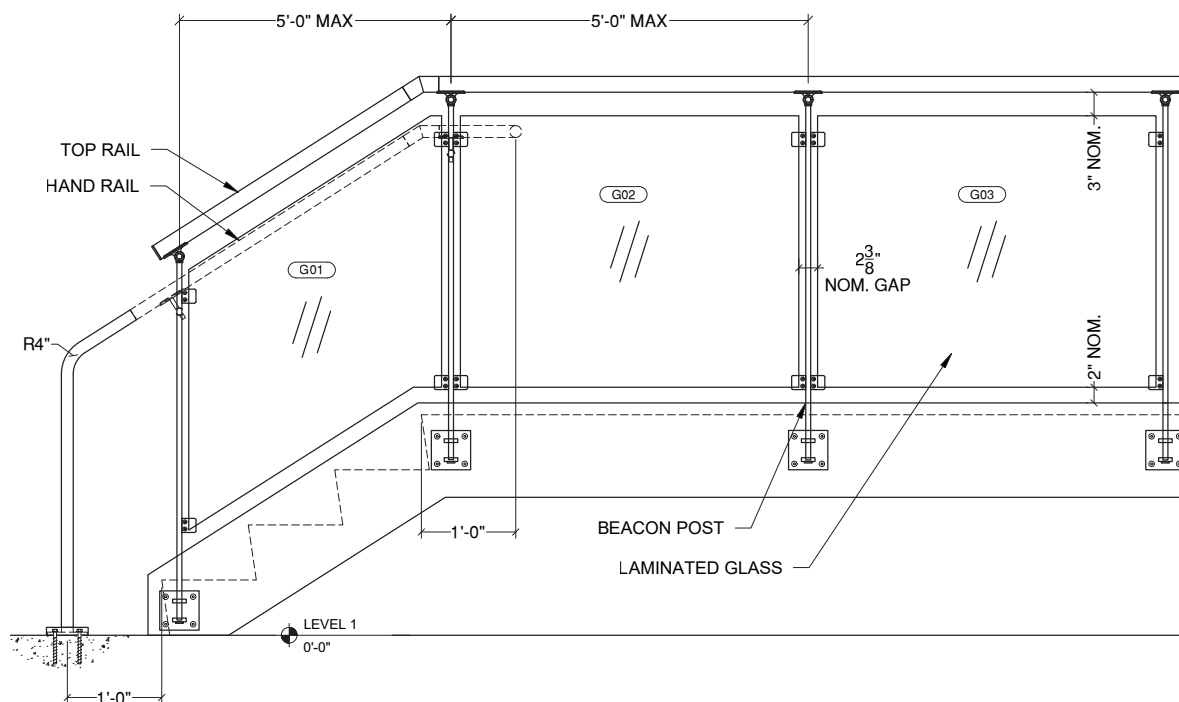
Ceramic Frit



Colored Laminate (PVB only)

D-CLAMP TYPE OPTIONS

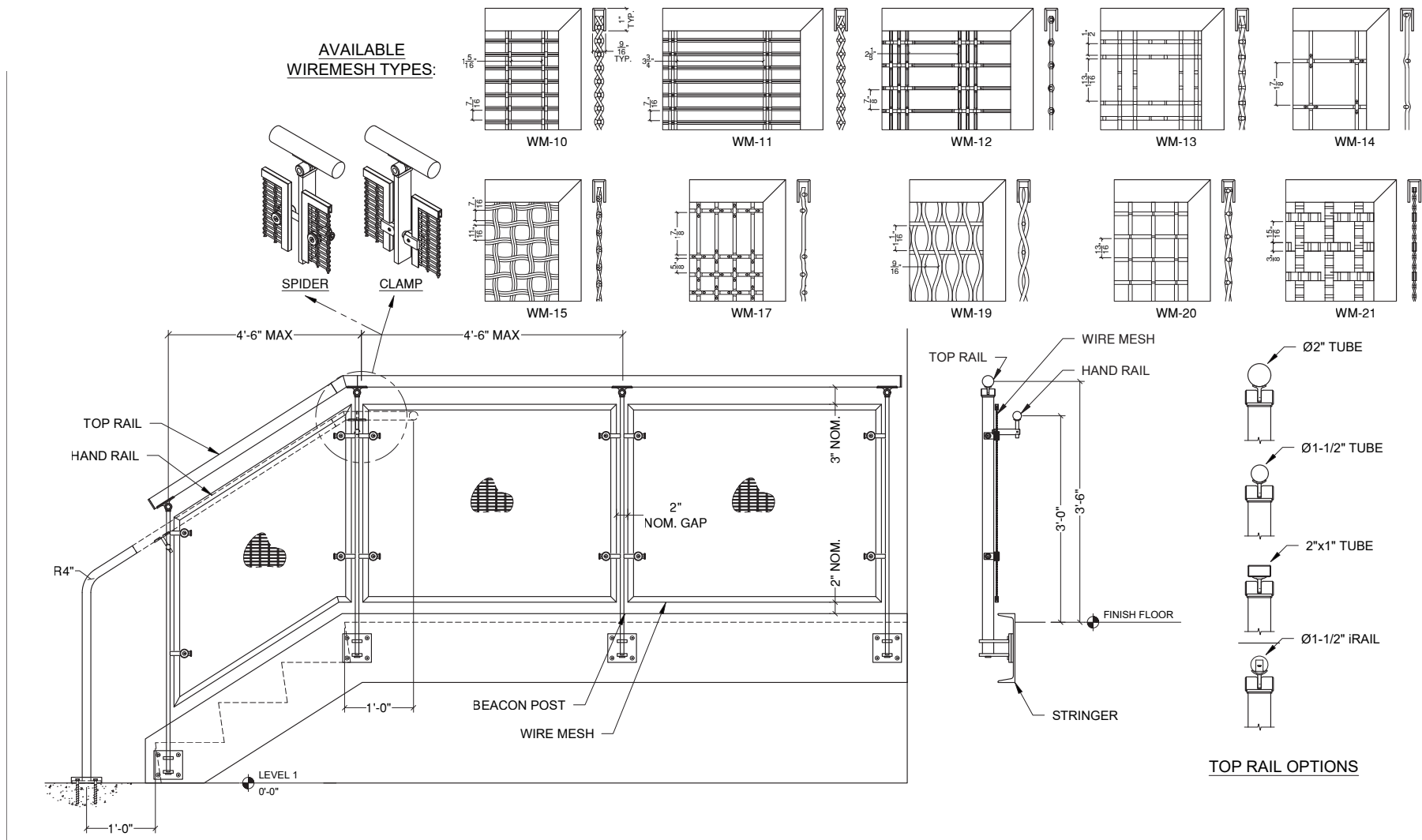
CODE	POST	FITTING
BD-1	Stainless Steel, Satin	Stainless Steel D-Clamp
BD-2	Stainless Steel, ECM	ECM D-Clamp
BD-3	Powder Coated	Stainless Steel, Satin D-Clamp


TOP RAIL OPTIONS

VIVA RAILINGS IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF ANY BUILDING SYSTEMS OR OTHER MATERIALS NOT FURNISHED BY VIVA RAILINGS. VIVA RAILINGS HAS NO WAY OF KNOWING AND SPECIFICALLY DISCLAIMS WHETHER OR NOT THE BUILDING SYSTEMS TO WHICH VIVA RAILINGS' PRODUCTS ARE TO BE ATTACHED ARE STRUCTURALLY SOUND OR DESIGNED TO PROPERLY SUPPORT VIVA RAILINGS'S MATERIALS. ANY SUCH DESIGN RESPONSIBILITY BELONGS TO OTHERS FOR WHOM VIVA RAILINGS IS NOT RESPONSIBLE. THESE DRAWINGS ARE INTENDED FOR THE SOLE USE OF VIVA RAILINGS' CUSTOMER AND THEIR AGENTS FOR THE INSTALLATION OF PRODUCTS FURNISHED BY VIVA RAILINGS. VIVA RAILINGS REMAINS THE SOLE OWNER OF ALL DESIGNS AND INTELLECTUAL PROPERTY CONTAINED WITHIN. REPRODUCTION AND USE OF THESE DESIGNS FOR ANY OTHER PURPOSE IS FORBIDDEN. SCALES ARE PROVIDED FOR REFERENCE ONLY. FOR PRODUCT INFORMATION AND TECHNICAL SUPPORT, PLEASE CONTACT VIVA RAILINGS.

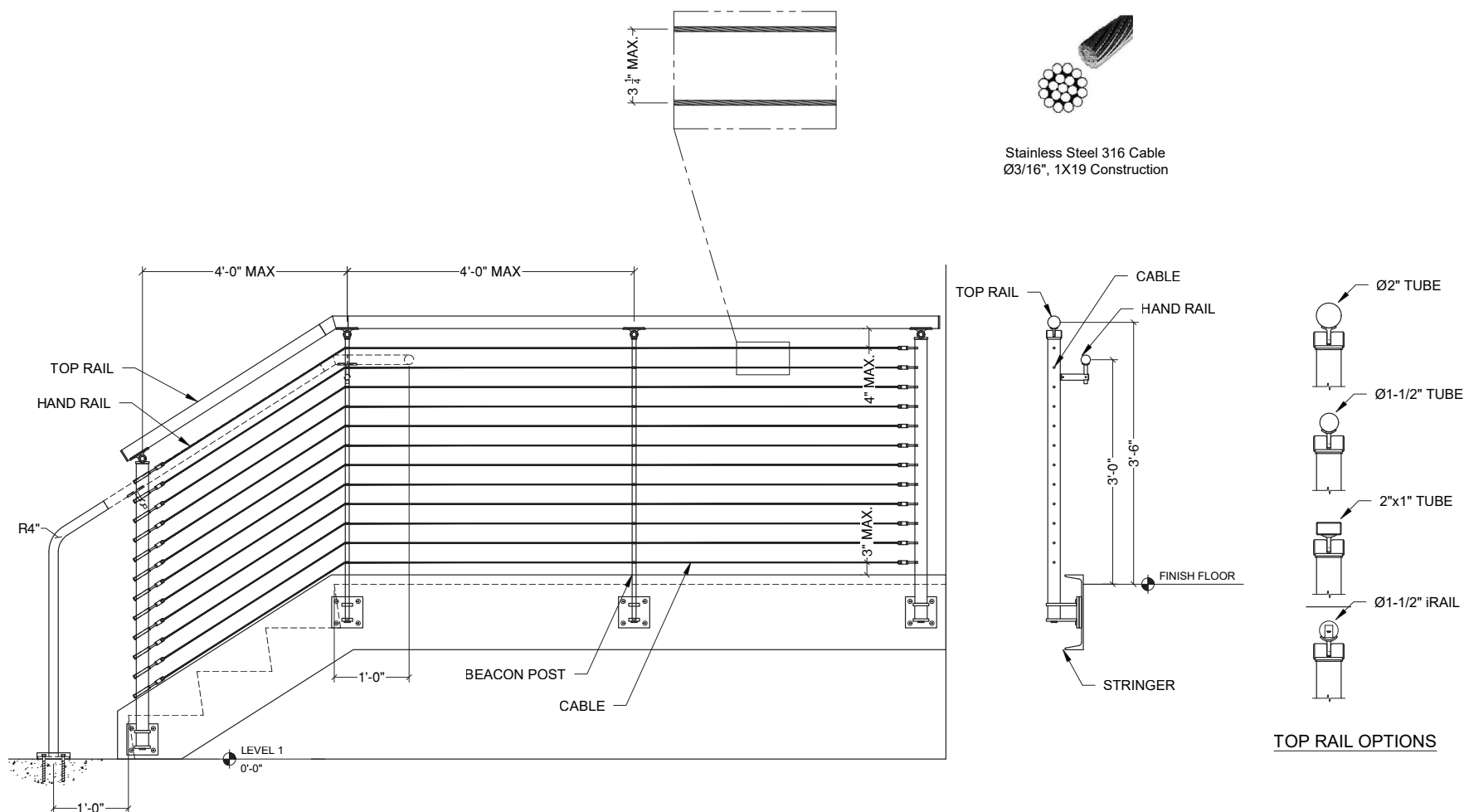
BEACON WIRE MESH PANEL INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL



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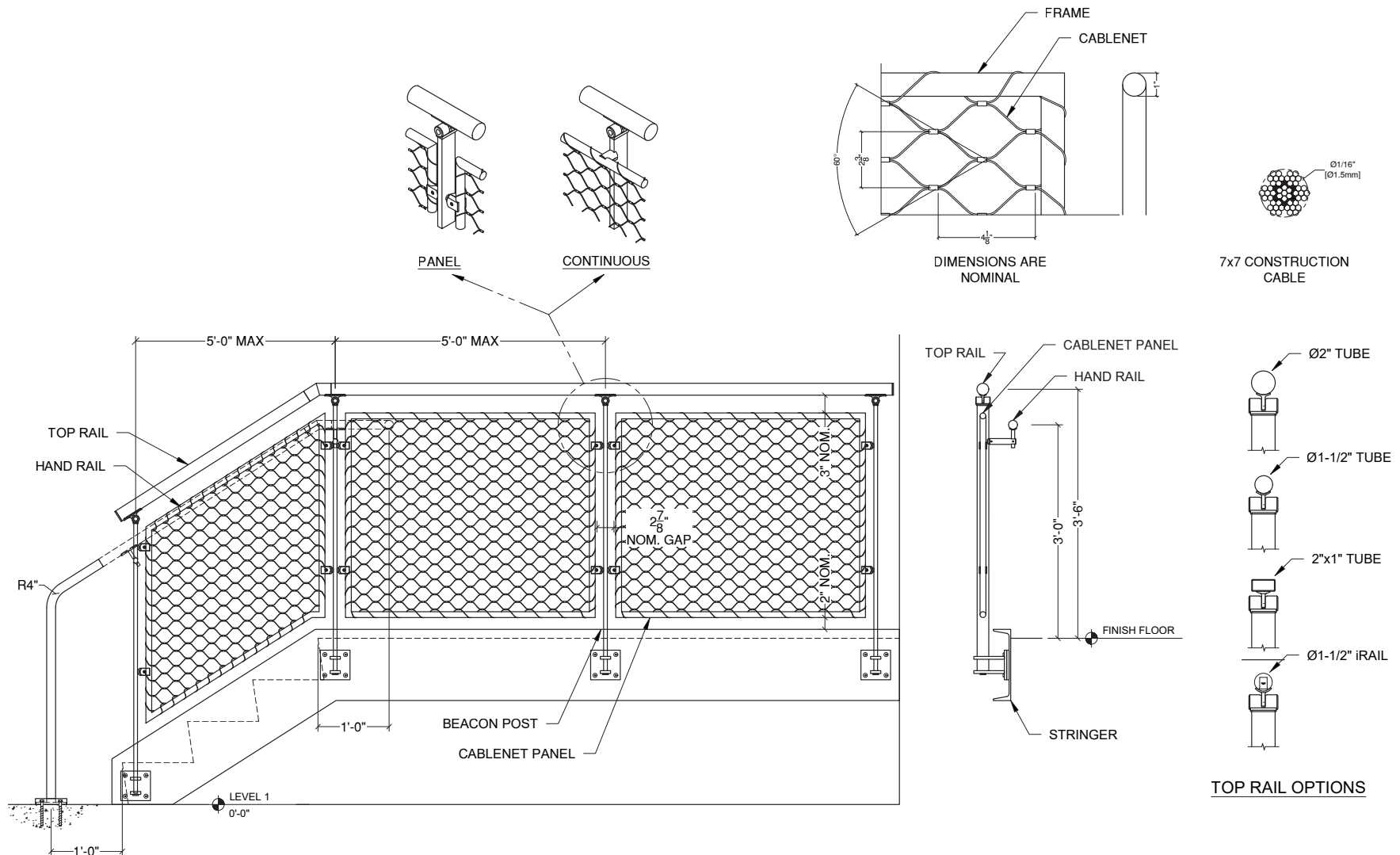
BEACON CABLE INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL


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BEACON CABLENET INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL



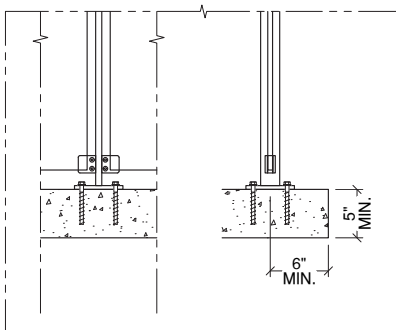
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MOUNTING CONDITION

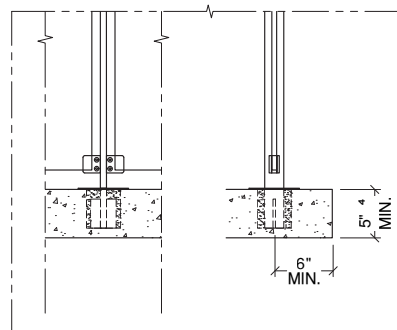
TOP MOUNTED POST

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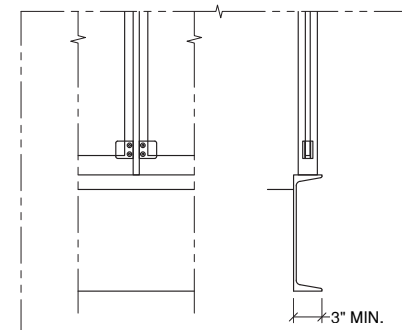
Anchored to Concrete ¹ - \$ ²

Detail# BE-T01 ³



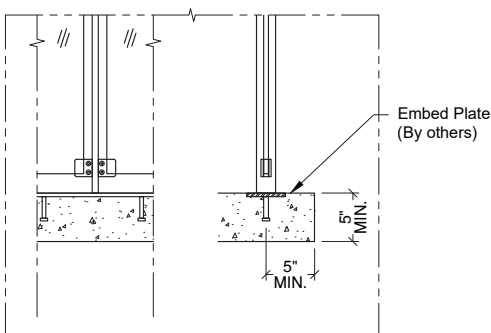
Cored into Concrete - \$\$

Detail# BE-T02



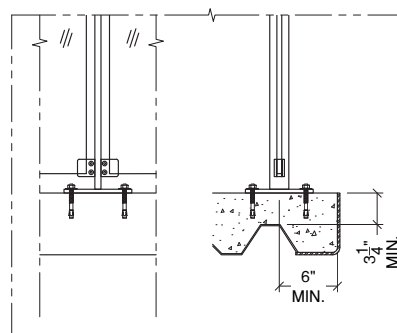
Welded @ Steel Channel - \$

Detail# BE-T03



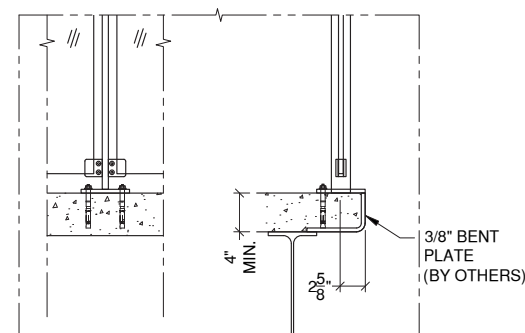
Welded @ Embed Plate - \$

Detail# BE-T04



Anchored to Concrete Slab on Deck - \$\$

Detail# BE-T05



Anchored to Concrete
Welded to Steel Plate - \$

Detail# BE-T06

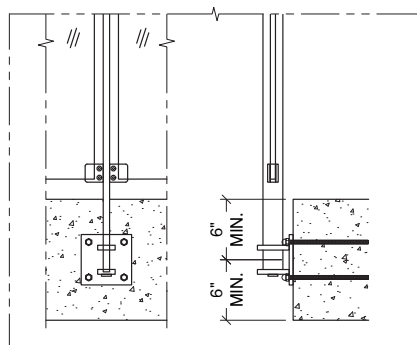
- (1) Min. 4000 PSI concrete, Typ.
 (2) \$ to \$\$\$: Indicates mounting type comparative cost
 (3) Anchoring is not an available option for top mount with cable infill
 (4) 6 1/2 inch Min. for end post with cable infill

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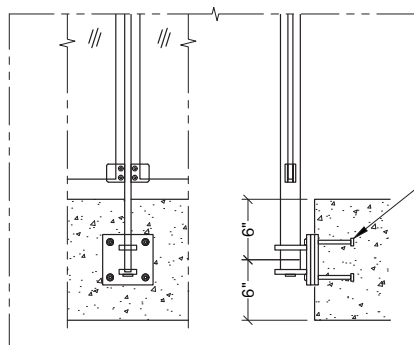
MOUNTING CONDITION FASCIA MOUNTED POST

DESIGN + ENGINEER + FABRICATE + INSTALL



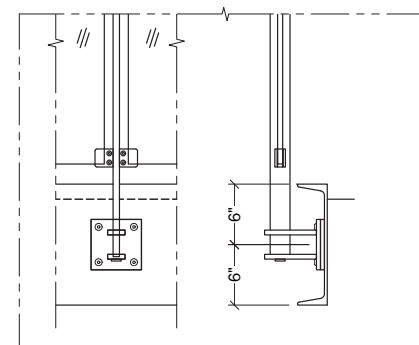
Anchored to Concrete ¹ - \$\$\$

Detail# BE-F01 ²



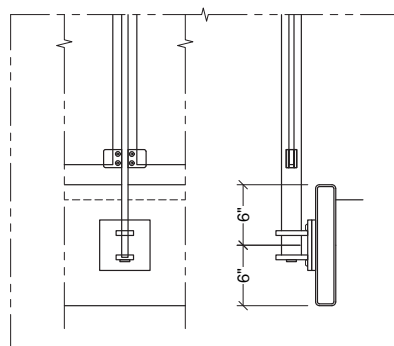
Welded @ Embed Plate - \$\$

Detail# BE-F02



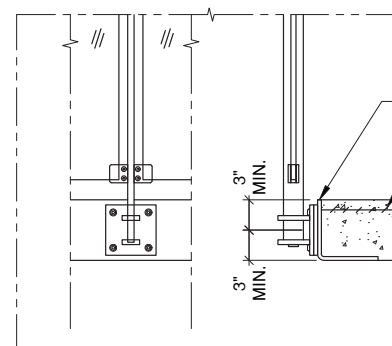
Welded @ Steel Channel - \$\$

Detail# BE-F03



Welded @ Steel Tube - \$\$

Detail# BE-F04



Welded @ Pour Stop - \$\$

Detail# BE-F05

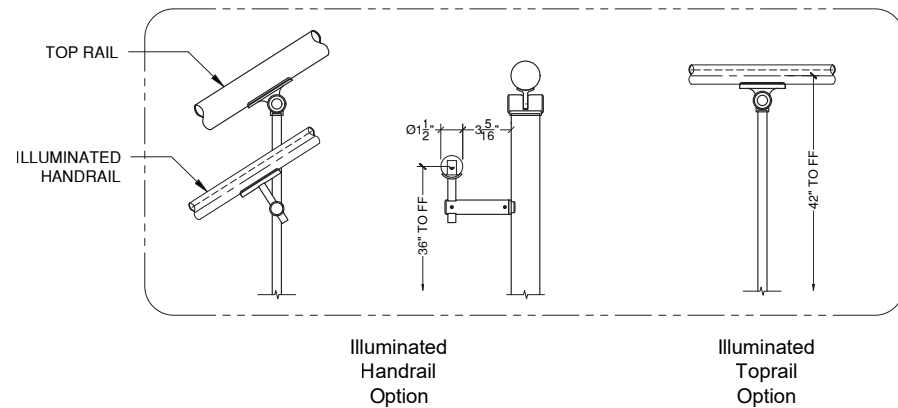
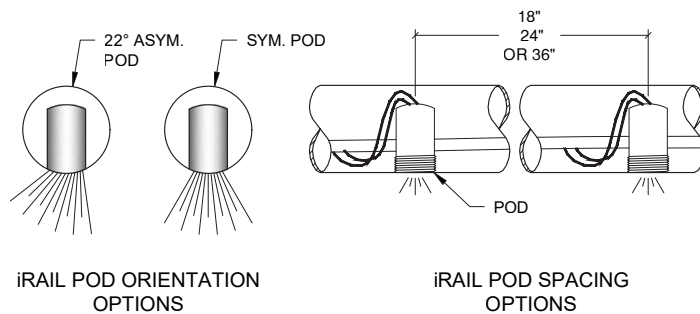
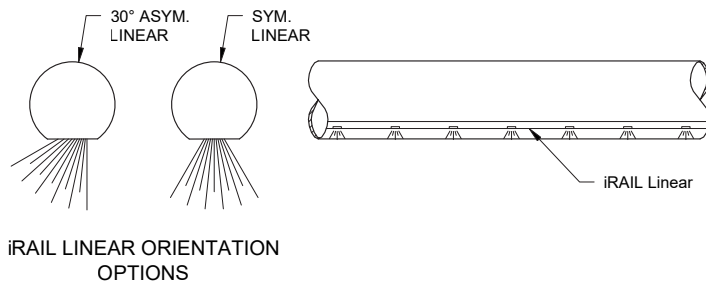
(1) Min. 4000 PSI concrete, Typ.

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

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ILLUMINATED RAILING OPTIONS

DESIGN + ENGINEER + FABRICATE + INSTALL


For more info: vivarailings.com/lighted-rail-systems

BEACON

FINISHING OPTIONS

DESIGN + ENGINEER + FABRICATE + INSTALL

#6 SATIN - #8 MIRROR



#6 Satin is a silver-white finish with relatively short linear directional polishing lines. This finish is quite common with SS architectural applications. It is a two-step abrasive polish finish with the equivalent of a 240 grit abrasive.

#8 Mirror is the most reflective finish covered by ASTM Standards. Produced in a similar way as the #6 finish with further buffing. The grit lines are much less visible than the #6 finish but can be seen upon close inspection. The final product is a mirror-like finish.

***#8 Mirror Finish comes at an additional cost to our #6 Finish.**

ECM



ECM is a new finish offered by VIVA Railings and can be applied to nearly all of our modular railing systems. This method of electroplated coating offers an environmentally friendly process that includes an even better abrasion and weather resistance to our already durable stainless steel railing systems.

ECM offers a low maintenance, high durability and one of the best corrosion resistant materials available.

POWDER COAT



Powder coating is a dry film process, using finely ground particles of pigment and resin which are electrostatically charged and sprayed onto electrically grounded parts.

Designed to withstand extreme temperatures, powder-coating protects against rust and staining, making it a weather-resistant finish for our stainless steel and aluminum railings.

It helps in regards to LEED requirements and in addition, it meets AAMA specifications.

POST RAILING SYSTEM

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PERFORATED METAL PANEL



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POST RAILING SYSTEM

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PERFORATED METAL PANEL



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POST RAILING SYSTEM

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BEACON RAILING SYSTEM | INFILL: GLASS

AMERICAN AIRLINES TRINITY CAMPUS, FT. WORTH, TX

General Contractor: Austin Commercial

Architect: Kendall/Heaton Associates

