

BEACON™ GLASS

DESIGN + ENGINEER + FABRICATE + INSTALL

BEACON- AVAILABLE INFILLS

Glass

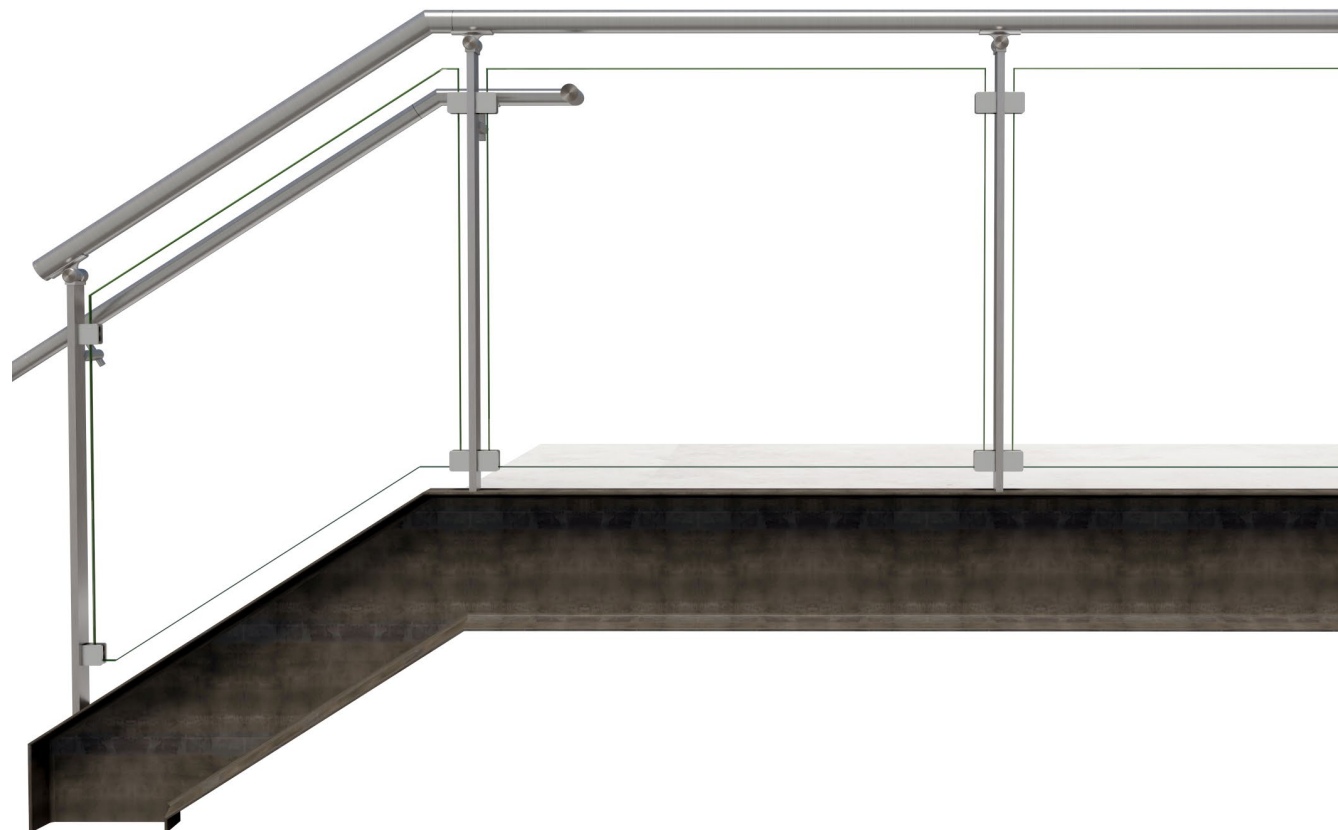
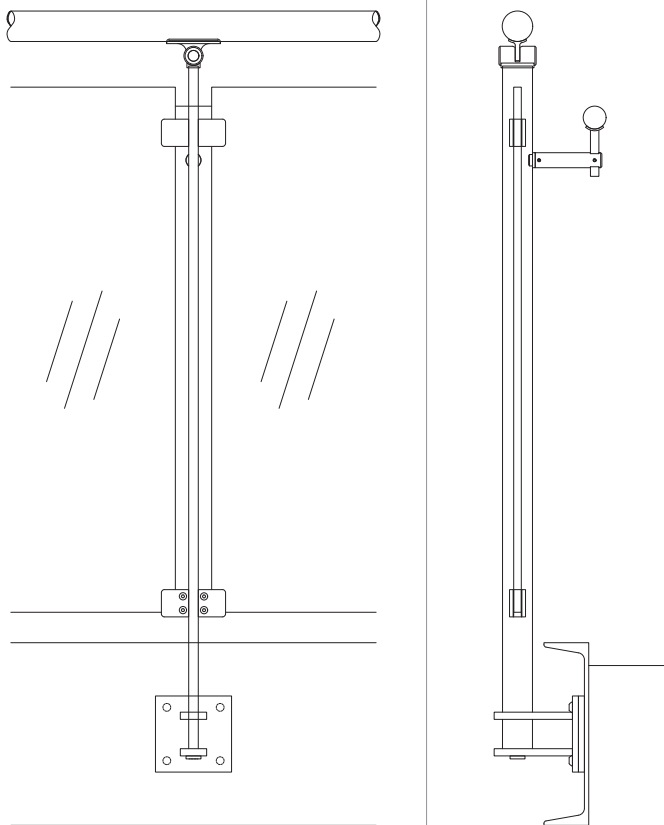
Perforated Metal

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.

ECM

Stainless Steel (201)

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

Cable

Ø3/16" cable

CableNet

Ø1" frame, Ø1/16" (1.5mm) cable mesh

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.

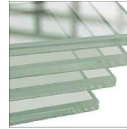
² All LED LINEAR products are ETL certified; ETL mark is proof of product compliance to North American safety standard.

³ Other species available upon request.

BEACON GLASS INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL

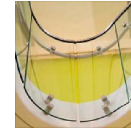
GLASS OPTIONS:



Clear Monolithic



Clear Laminated (PVB or SGP)



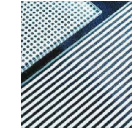
Bent



Tinted



Satin Etched



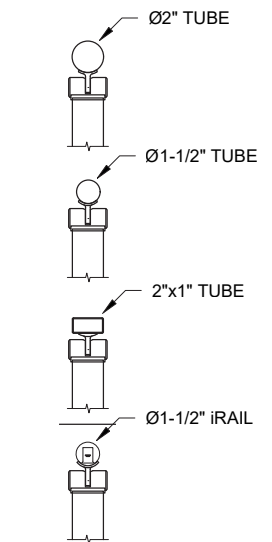
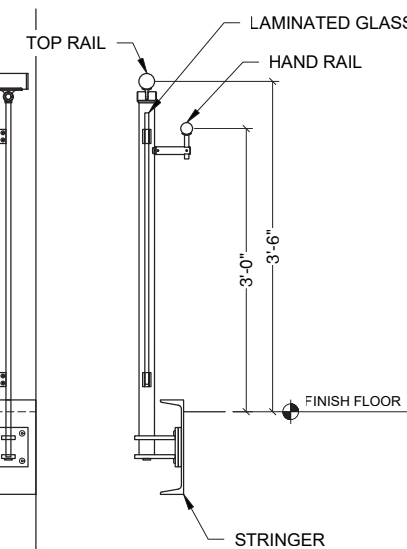
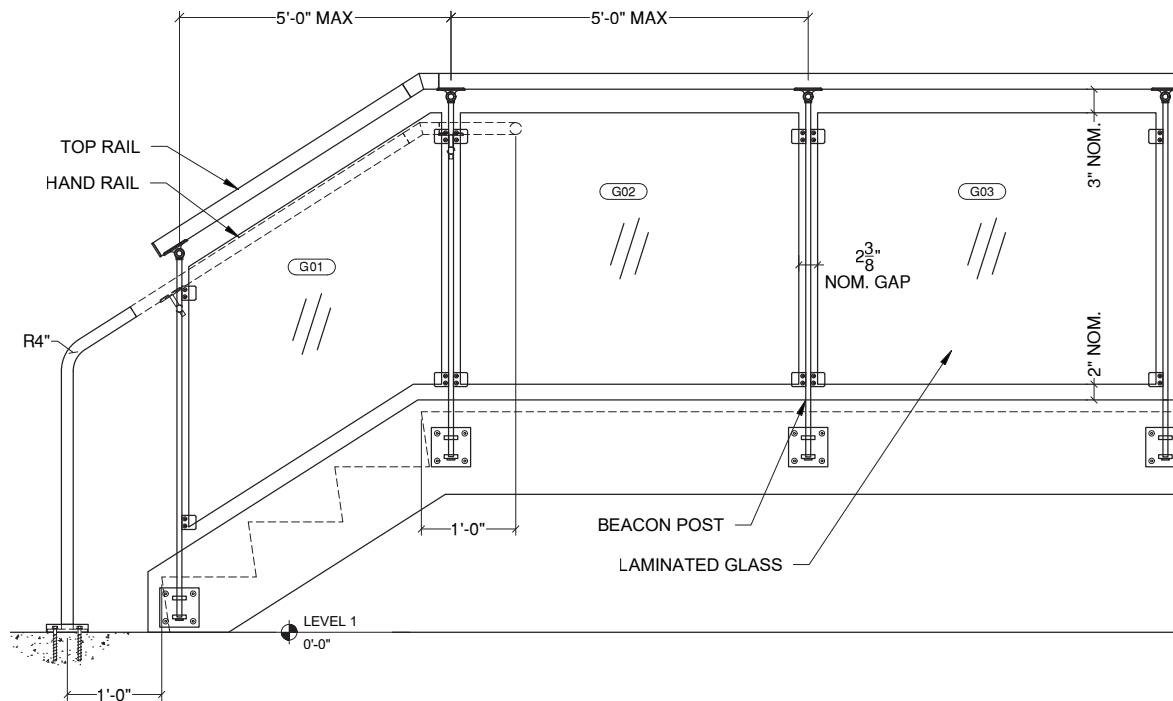
Ceramic Frit



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

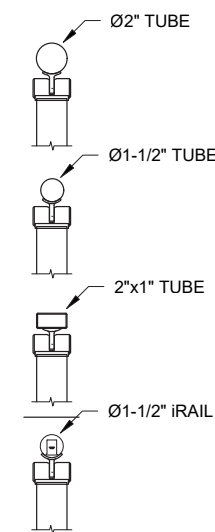
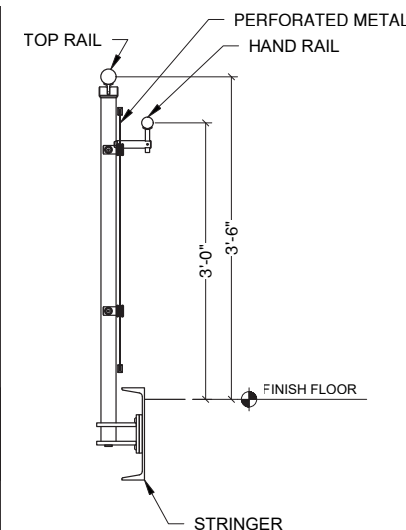
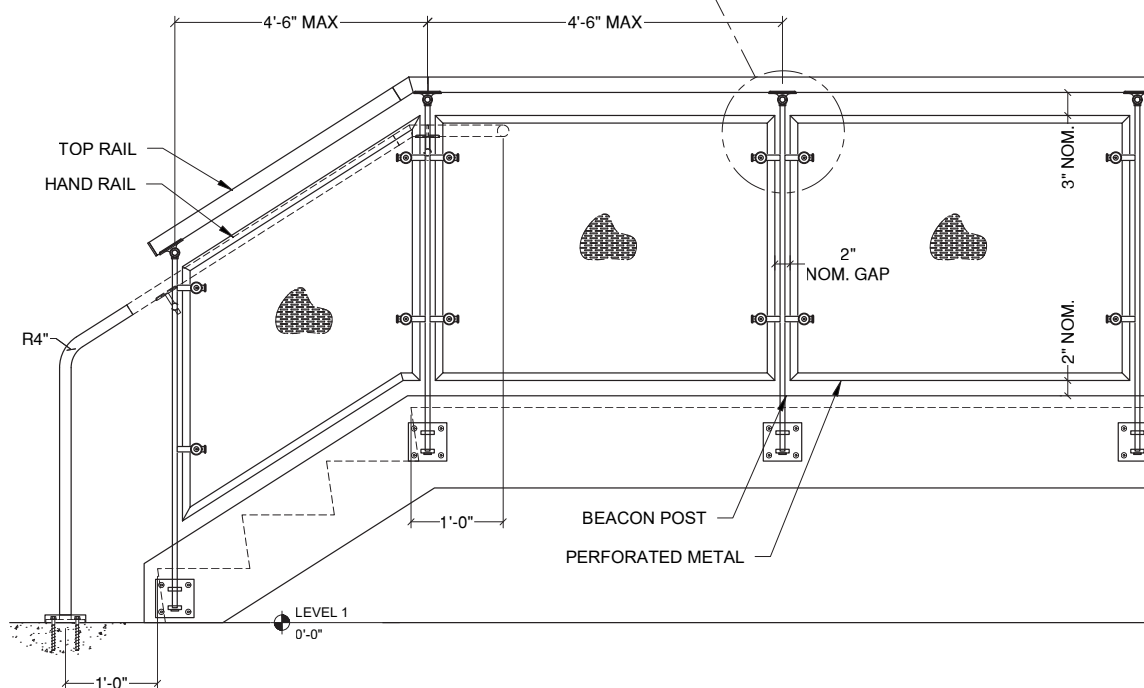
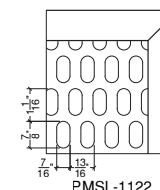
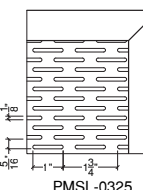
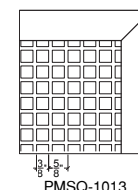
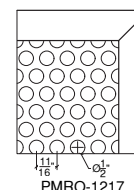
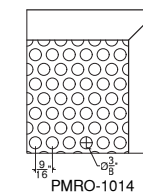
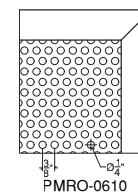
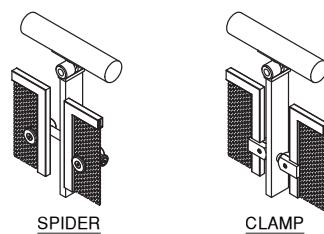
VIVA RAILINGS IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF ANY BUILDING SYSTEMS OR OTHER MATERIALS NOT FURNISHED BY VIVA RAILINGS. VIVA RAILINGS HAS NO WAY OF KNOWING AND SPECIFICALLY DISCLAIMS WHETHER OR NOT THE BUILDING SYSTEMS TO WHICH VIVA RAILINGS' PRODUCTS ARE TO BE ATTACHED ARE STRUCTURALLY 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

PERFORATED METAL PANEL INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL

AVAILABLE
PERFORATED TYPES:

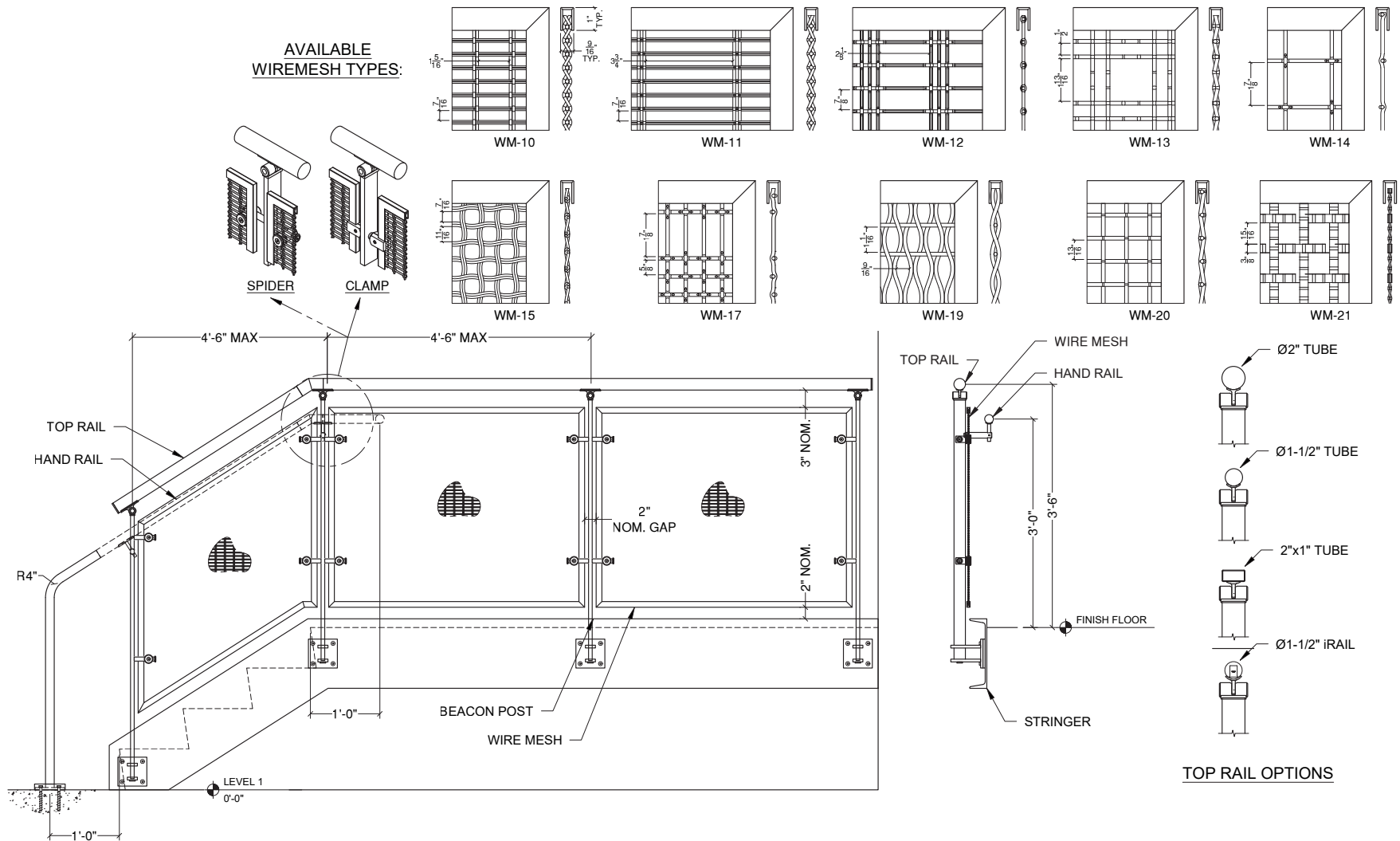


TOP RAIL OPTIONS

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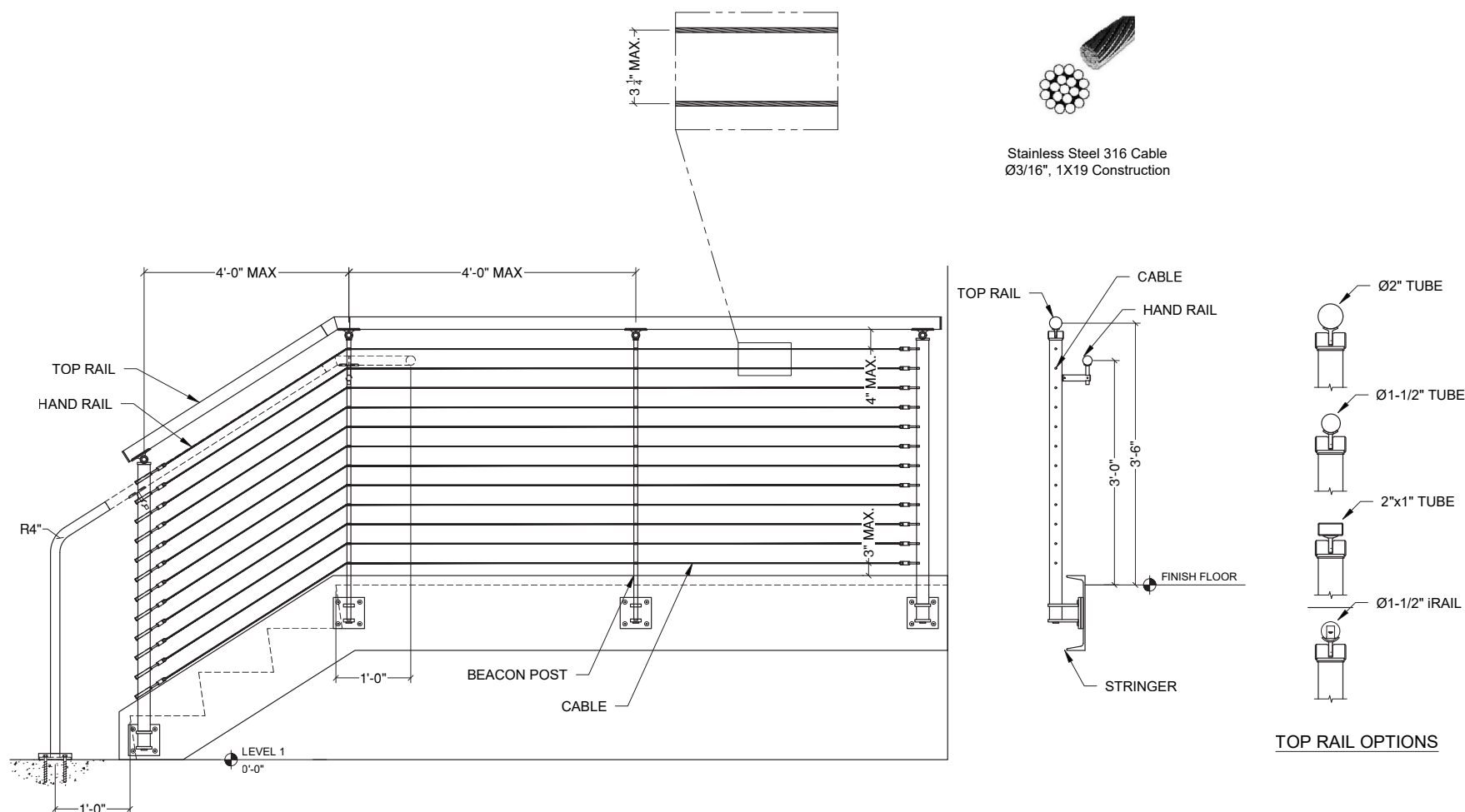
BEACON WIRE MESH PANEL INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL



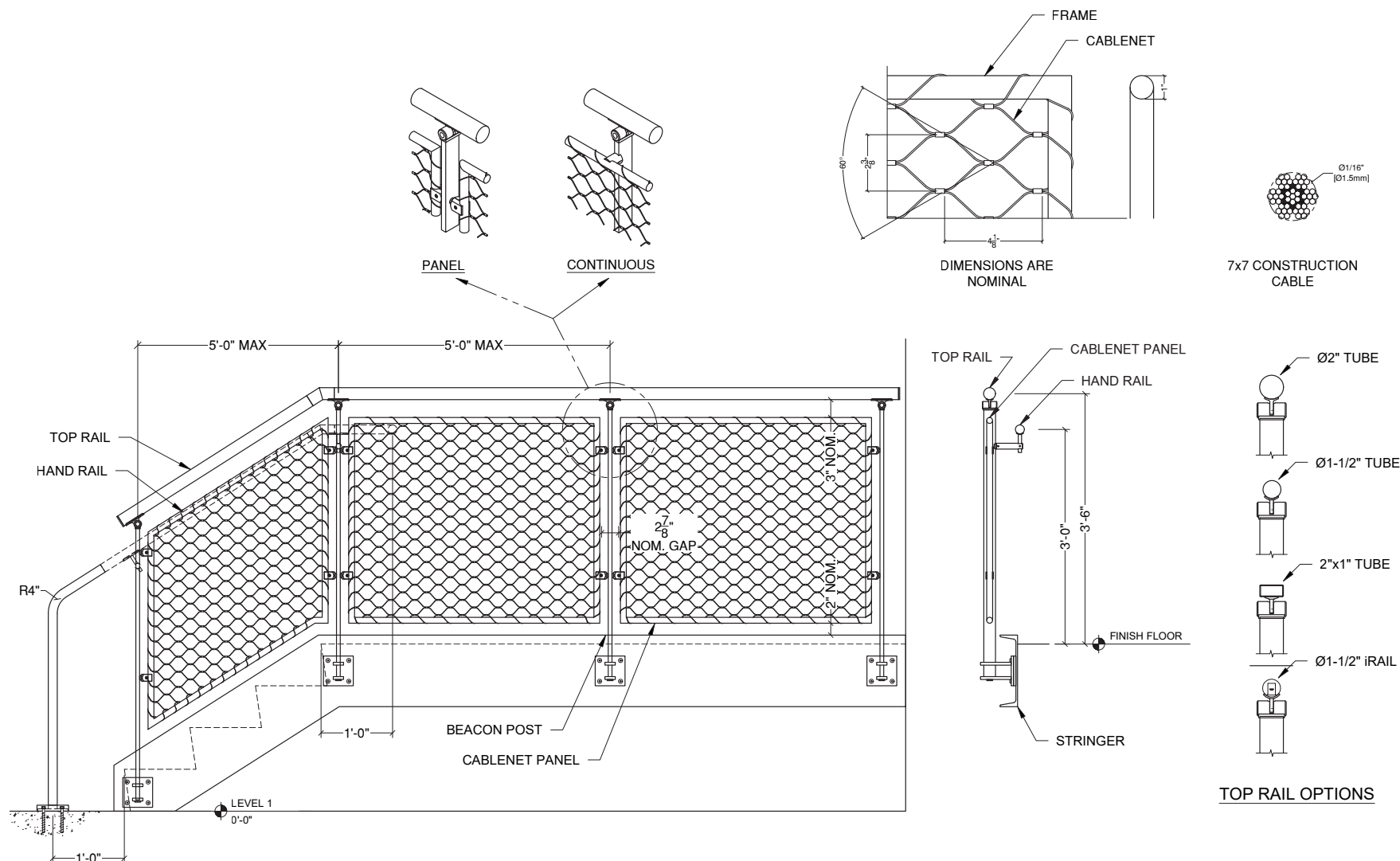
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BEACON CABLE INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL


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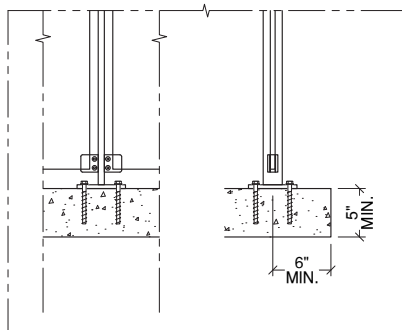
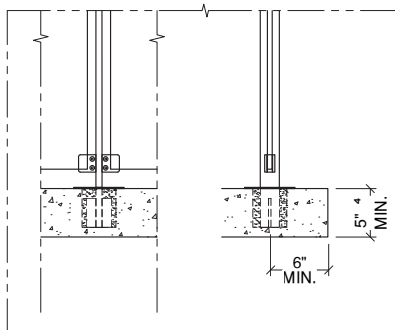
BEACON CABLENET INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL


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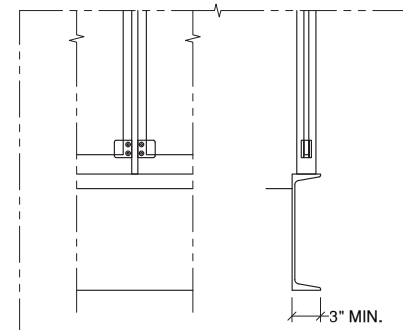
BEACON MOUNTING CONDITION

TOP MOUNTED POST

DESIGN + ENGINEER + FABRICATE + INSTALL
Anchored to Concrete ¹ - \$ ²Detail# BE-T01 ³

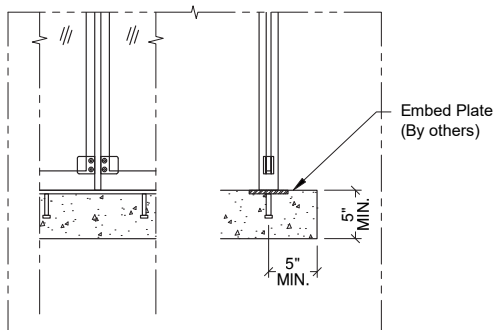
Cored into Concrete - \$\$

Detail# BE-T02



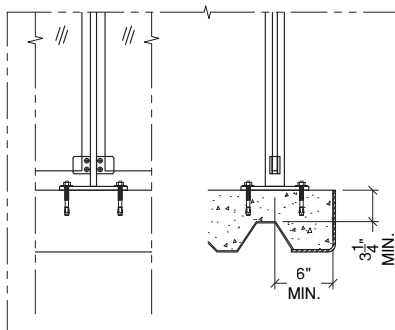
Welded @ Steel Channel - \$

Detail# BE-T03



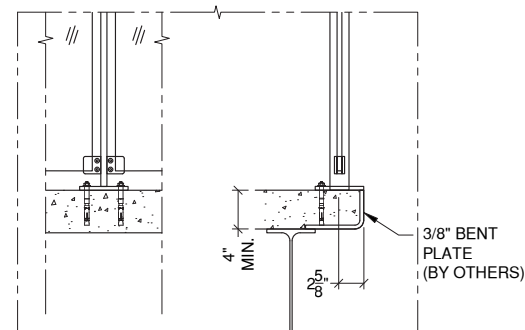
Welded @ Embed Plate - \$

Detail# BE-T04



Anchored to Concrete Slab on Deck - \$\$

Detail# BE-T05

Anchored to Concrete
Welded to Steel Plate - \$

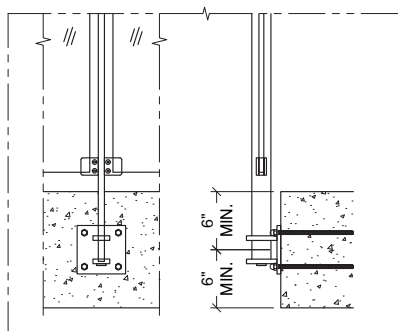
Detail# BE-T06

- (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" Min. for end post with cable infill

BEACON MOUNTING CONDITION

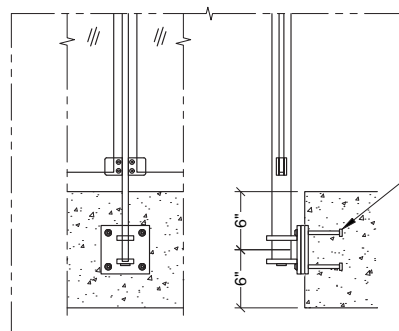
FASCIA MOUNTED POST

DESIGN + ENGINEER + FABRICATE + INSTALL



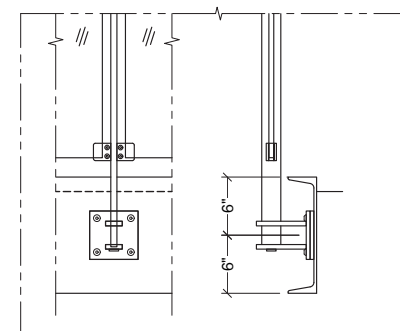
Anchored to Concrete ¹ - \$\$\$

Detail# BE-F01 ²



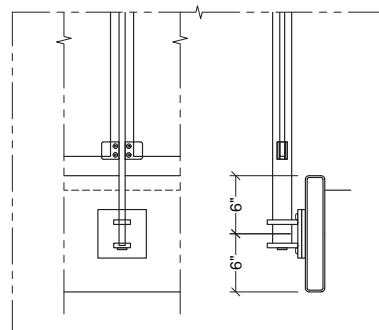
Welded @ Embed Plate - \$\$

Detail# BE-F02



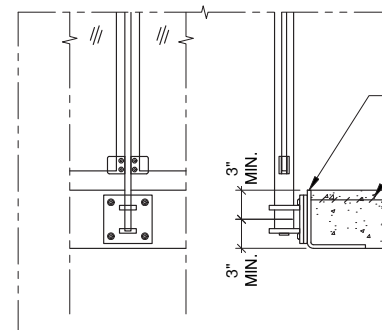
Welded @ Steel Channel - \$\$

Detail# BE-F03



Welded @ Steel Tube - \$\$

Detail# BE-F04



Welded @ Pour Stop - \$\$

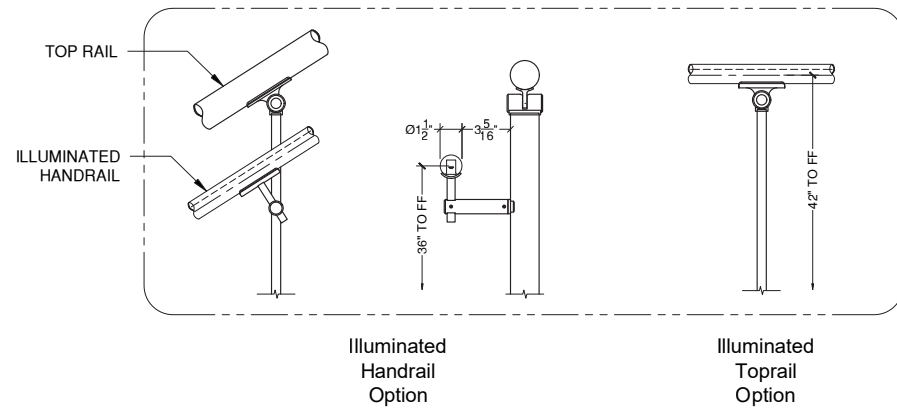
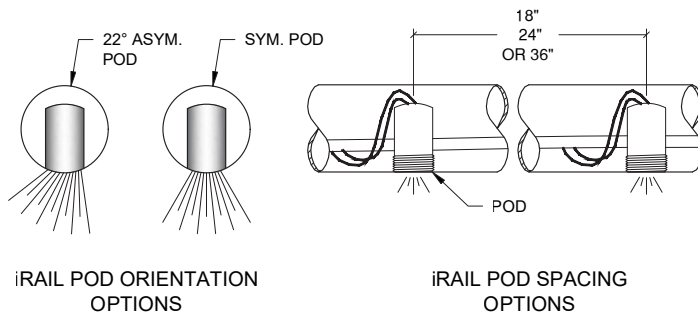
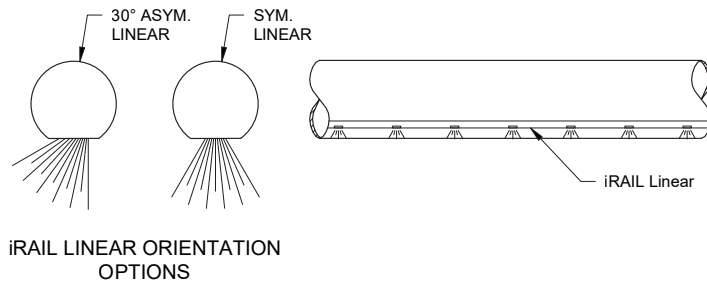
Detail# BE-F05

(1) Min. 4000 PSI concrete, Typ.

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

BEACON

ILLUMINATED RAILING OPTIONS

DESIGN + ENGINEER + FABRICATE + INSTALL


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

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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

BEACON GLASS



DESIGN + ENGINEER + FABRICATE + INSTALL



POST RAILING SYSTEM

BEACON GLASS



DESIGN + ENGINEER + FABRICATE + INSTALL



POST RAILING SYSTEM

BEACON



DESIGN + ENGINEER + FABRICATE + INSTALL

BEACON RAILING SYSTEM | INFILL: GLASS

AMERICAN AIRLINES TRINITY CAMPUS, FT. WORTH, TX

General Contractor: Austin Commercial

Architect: Kendall/Heaton Associates

