

PERFORATED METAL PANEL

DESIGN + ENGINEER + FABRICATE + INSTALL

CUBE- AVAILABLE INFILLS

Glass

Perforated Metal

Wire Mesh

Picket Panel

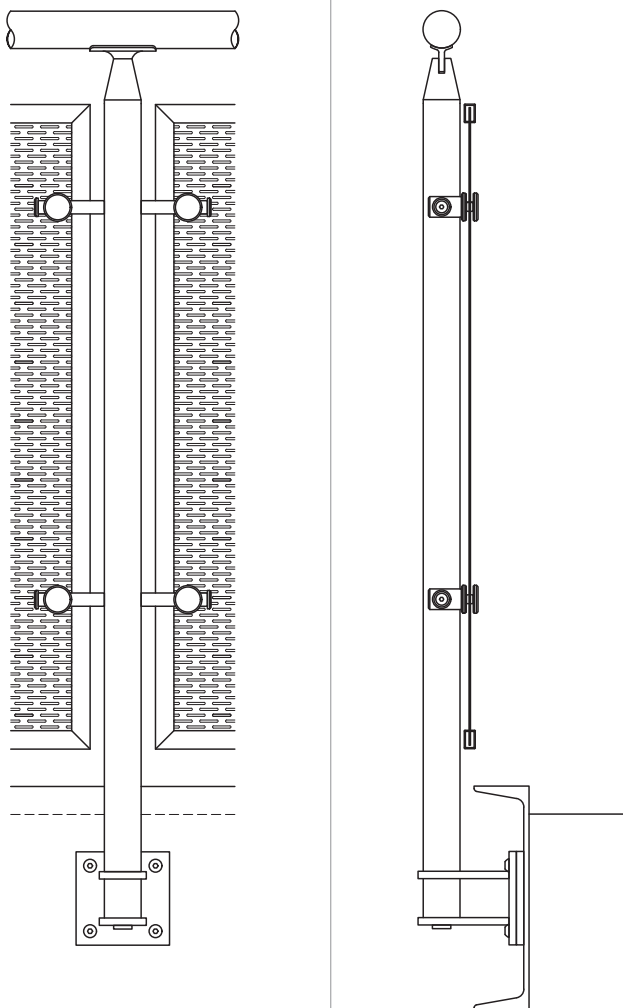
Multiline

Cable

Cablenet

Our CUBE Stainless Steel Railing System has a robust contemporary look.

The system is made of 2"x 2" square posts, with monolithic pyramid top caps creating continuous clean lines throughout the components. The railing in-fill between the posts is mounted via fixed point holders and can accommodate any in-fill of your choice.



CUBE

PRODUCT DATA

DESIGN + ENGINEER + FABRICATE + INSTALL
**MATERIAL****FINISH****SIZE/SPACING****POST**

Stainless Steel (304 or 316)

#6 Satin, #8 Mirror

2"x2" @ 5'-0" max. O.C.
 4'-6" max. for perforated and wire mesh infill.
 4'-0" max. for Multiline and cable infill.

Stainless Steel (201)

ECM

Fascia, Top or Core mount.

Powder Coat

INFILL OPTIONS

Glass

Clear, Tinted or Frit

Min. 3/8" laminated glass with PVB or SGP interlayer ¹
 Glass standard thickness: 3/8", 1/2", 5/8", 3/4"

Interlayer standard thickness: SGP: 0.035", 0.06"
 PVB: 0.035"

Perforated Metal

Wire Mesh

Picket Panel

Multiline

Cable

CableNet

#6 Satin

1" wide frame

Ø1/2" picket

Ø1/2" multiline

Ø3/16" cable

Ø1" Wide frame, Ø1/16" (1.5mm) cable mesh

TOP RAIL/HAND RAIL

Stainless Steel Tube

#6 Satin, Powder Coat

Ø1-1/2" or Ø2" for Hand Rail
 Ø1-1/2", Ø2" or 2"x1" Rectangular tube for Top Rail

Stainless Steel Tube with LED ²

#6 Satin

Ø1-1/2" with LED LINEAR, Ø1-1/2" or Ø2" with LED POD

Wood (Red Oak, Cherry or Maple) ³

Unstained

Ø2"

Wood (Red Oak, Cherry or Maple) with LED

Ø2" with LED LINEAR



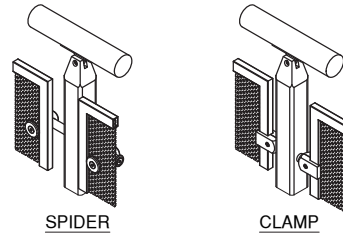
¹ IBC 2015 & newer requires railing glass to be laminated. VIVA recommends SGP for exterior applications.

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

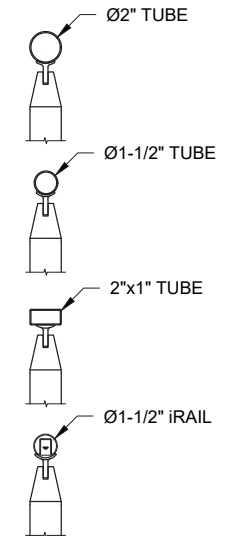
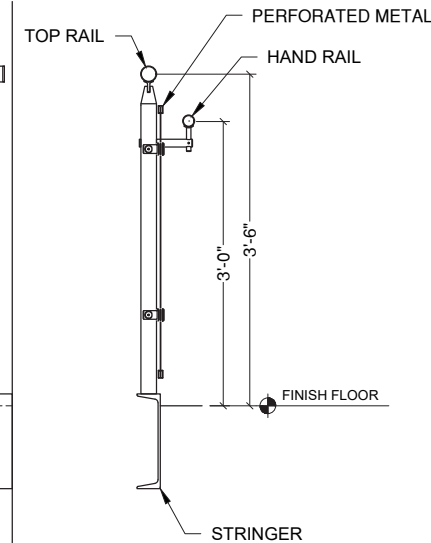
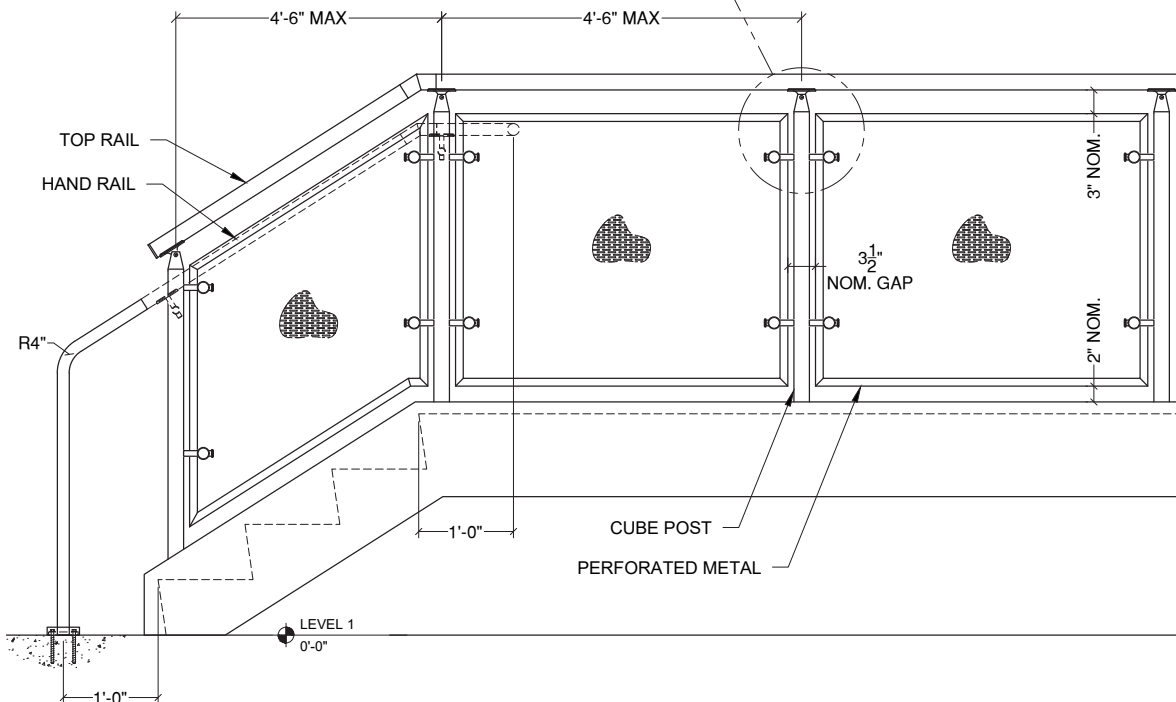
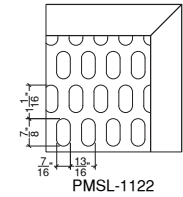
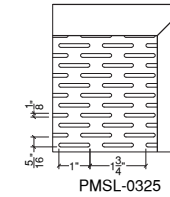
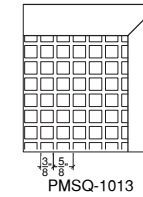
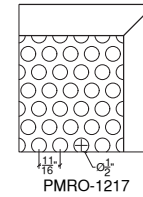
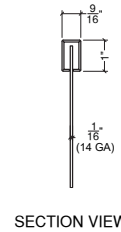
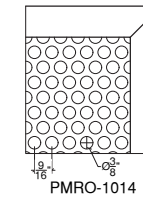
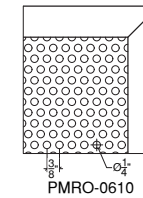
³ Other species available upon request.

CUBE PERFORATED METAL PANEL INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL

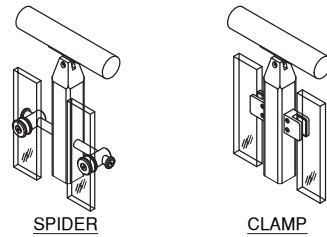


AVAILABLE
PERFORATED TYPES:



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.



GRAY BRONZE BLUE-GREEN AZURE



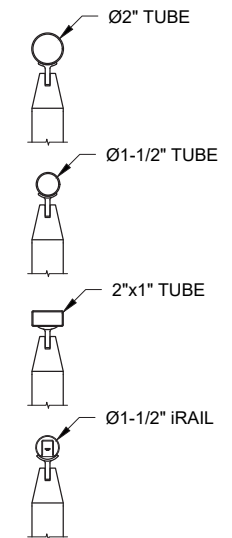
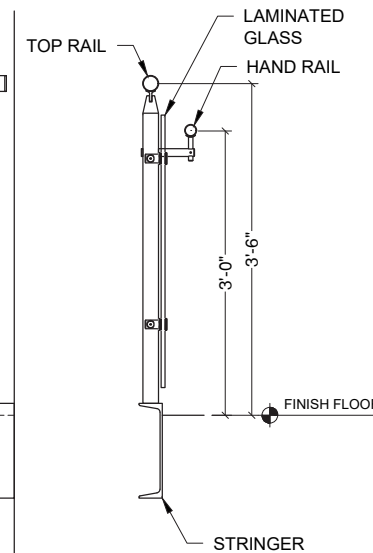
Technical drawing of a handrail assembly, showing side and end elevations with dimensions and labels.

Labels:

- TOP RAIL
- HAND RAIL
- R4"
- CUBE POST
- LAMINATED GLASS

Dimensions:

- 5'-0" MAX (horizontal distance between posts)
- 3'-0" MAX (vertical distance between rails)
- 3 1/2" NOM. GAP (nominal gap between rails)
- 3" NOM. (nominal distance from post to rail)
- 2" NOM. (nominal distance from post to rail)
- 1'-0" (horizontal distance from wall to post)
- 1'-0" (horizontal distance from post to wall)
- 0'-0" (level 1 reference line)

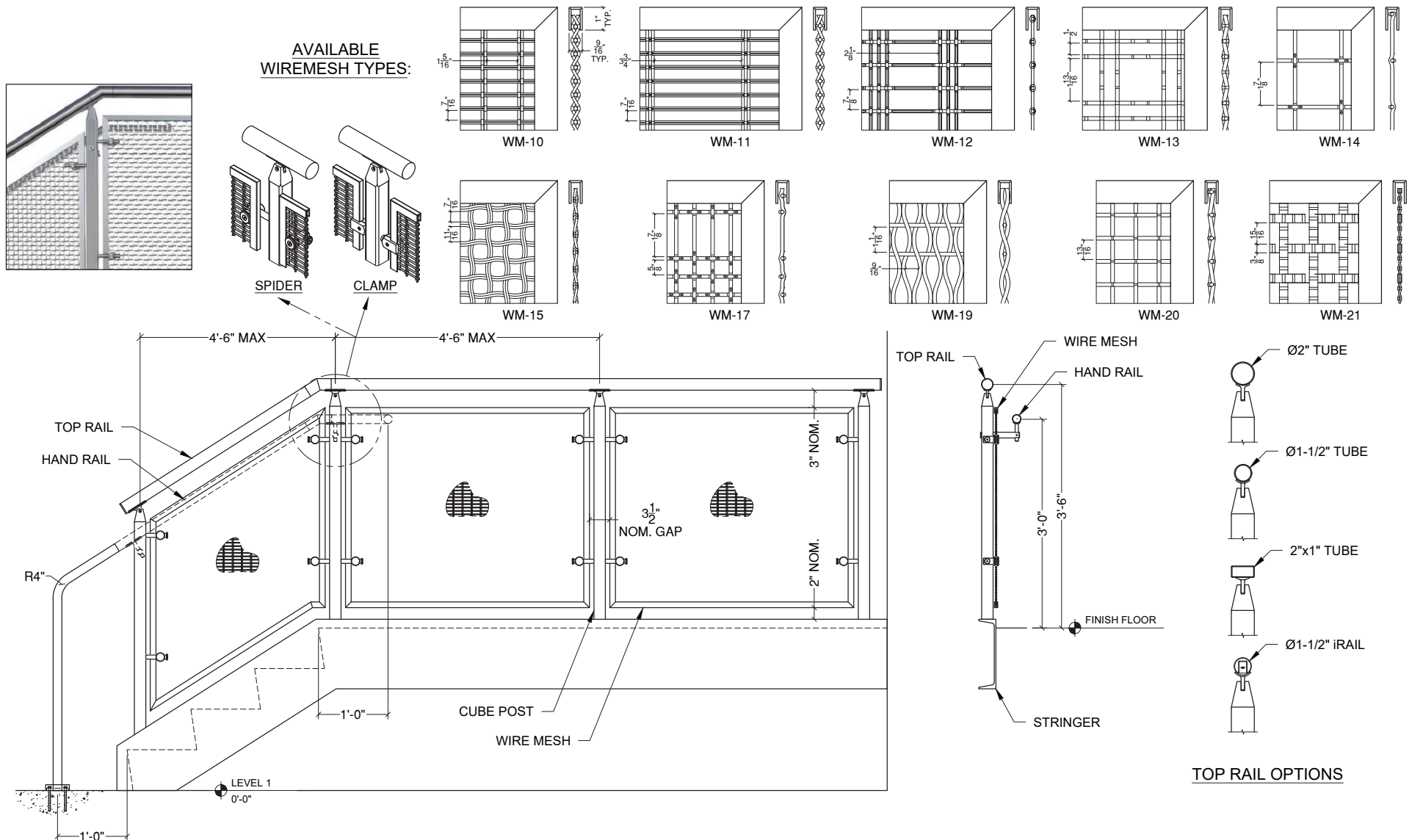


TOP RAIL OPTIONS

4

CUBE WIRE MESH PANEL INFILL

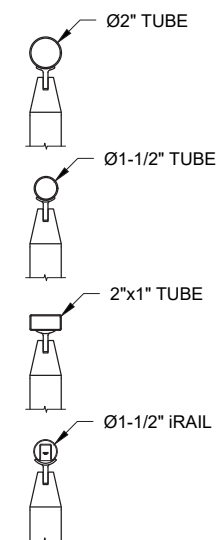
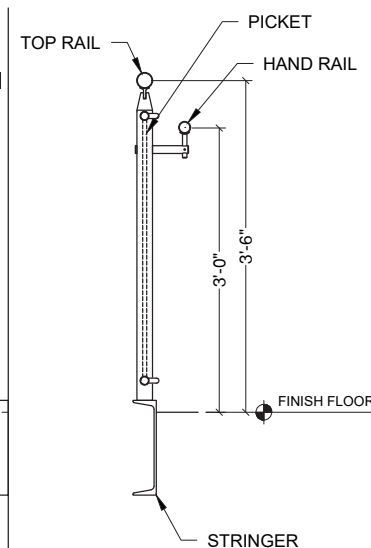
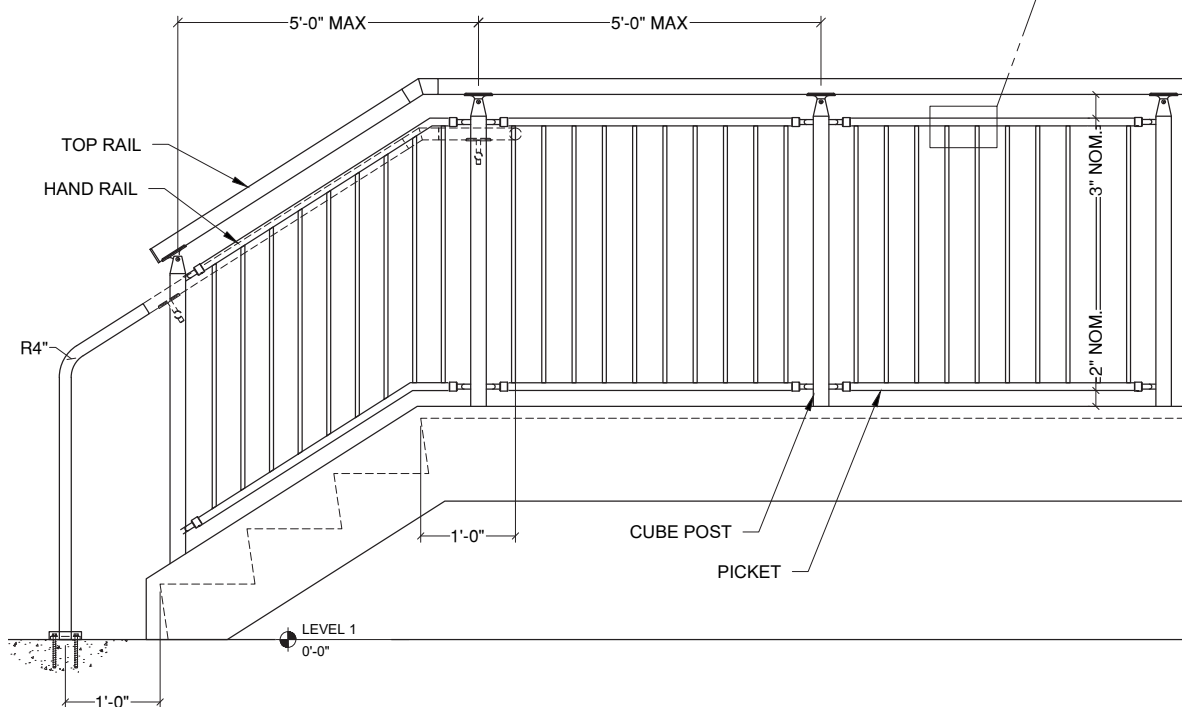
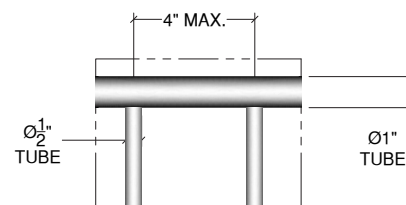
DESIGN + ENGINEER + FABRICATE + INSTALL



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CUBE PICKET PANEL INFILL

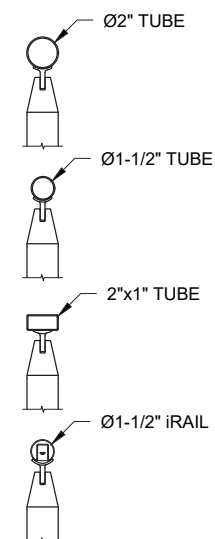
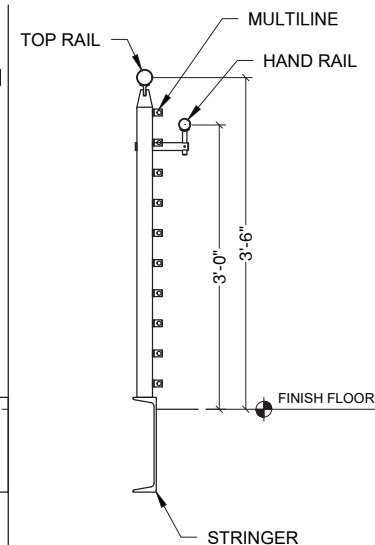
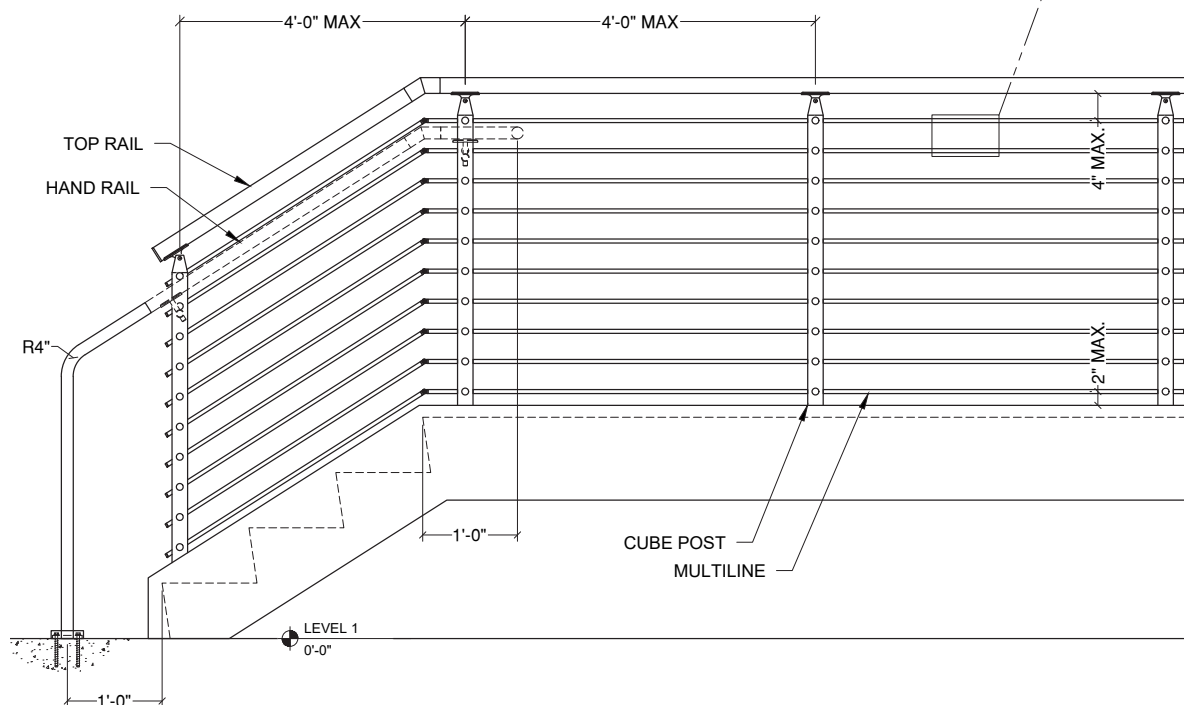
DESIGN + ENGINEER + FABRICATE + INSTALL



TOP RAIL OPTIONS

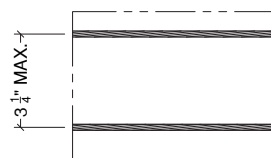
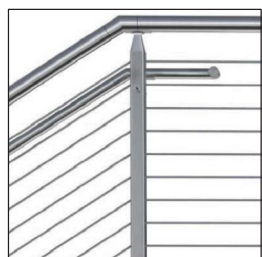
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CUBE MULTILINE INFILL

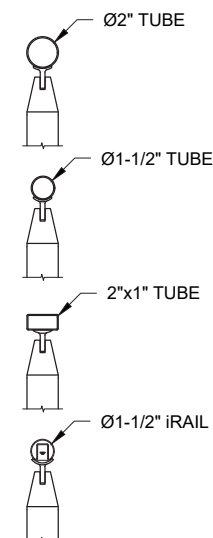
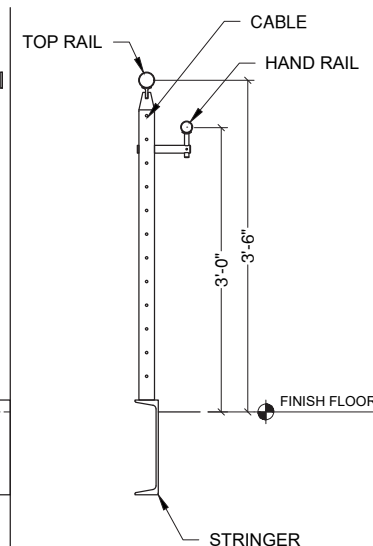
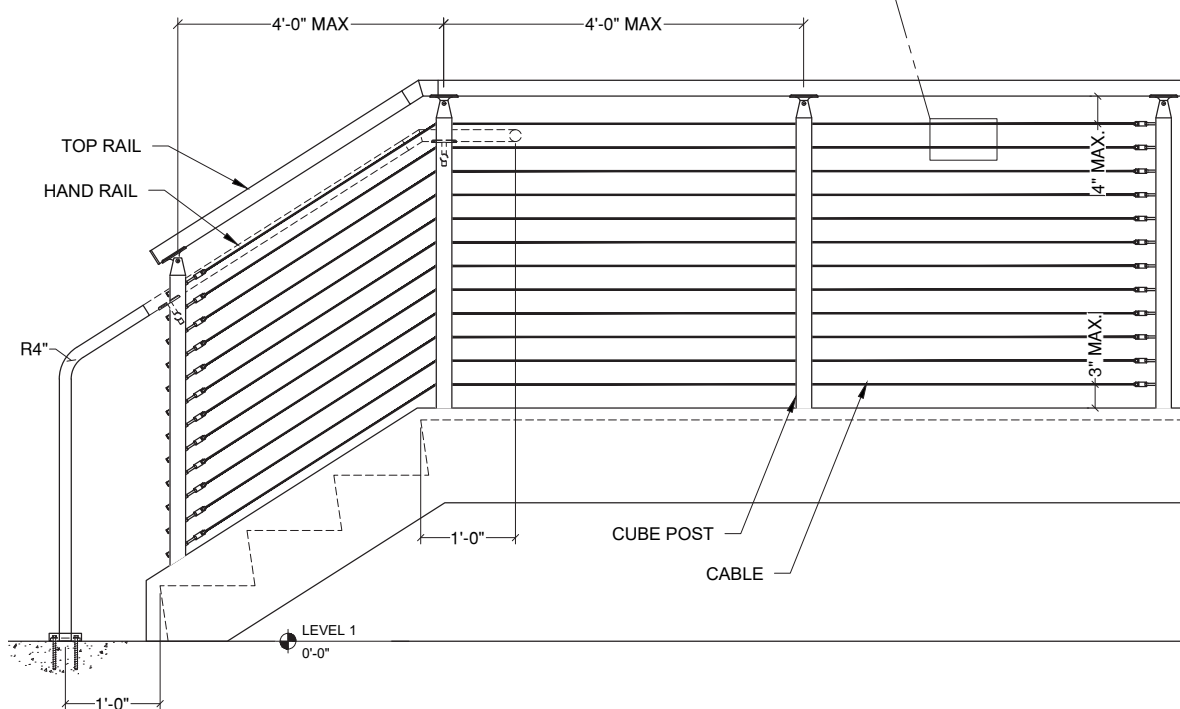
DESIGN + ENGINEER + FABRICATE + INSTALL

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CUBE CABLE INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL


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

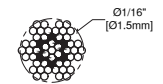
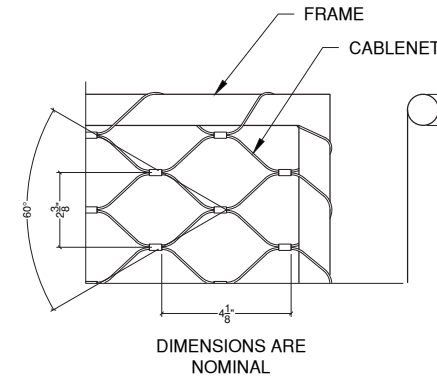
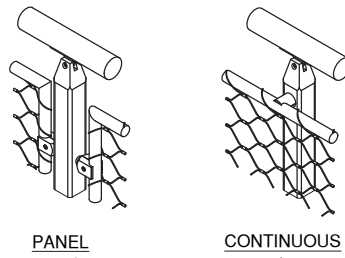


TOP RAIL OPTIONS

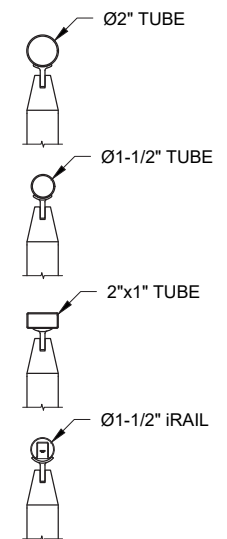
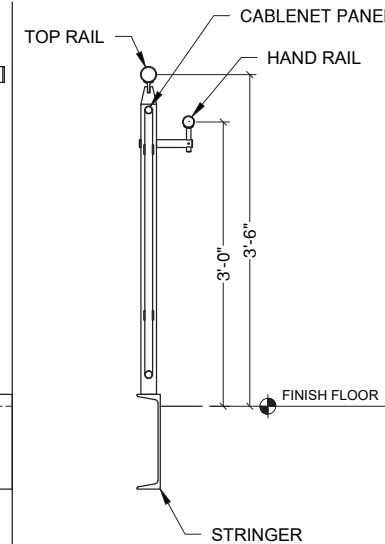
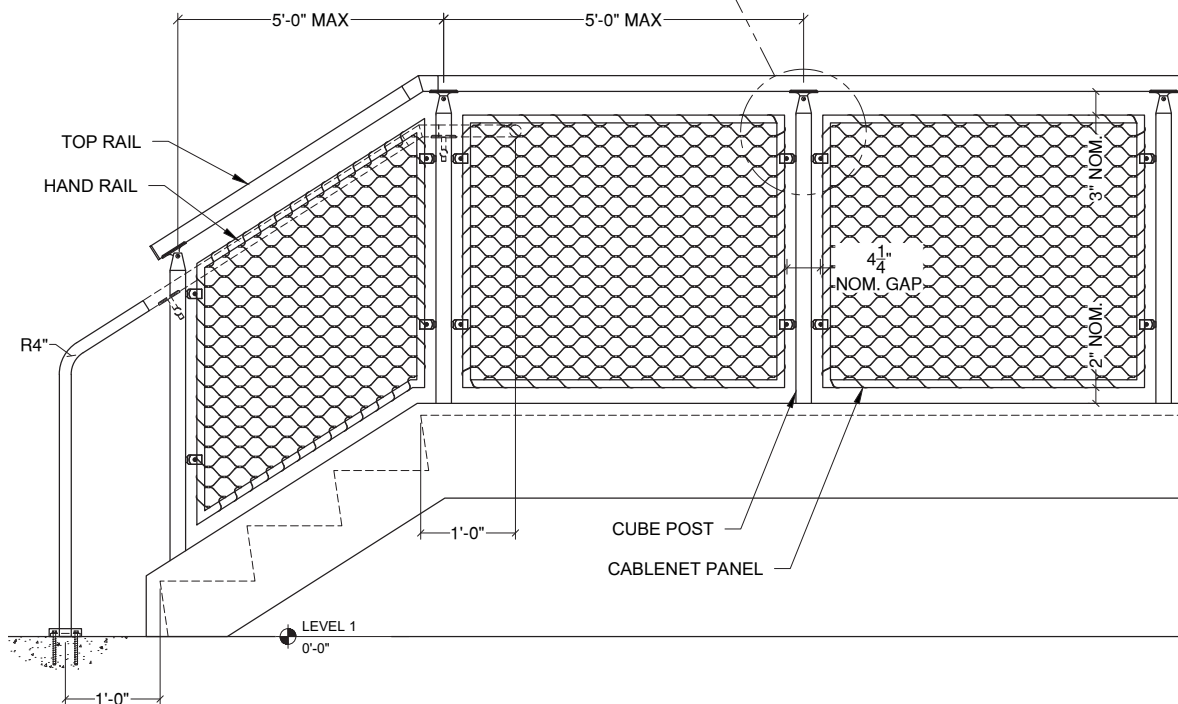
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CUBE CABLENET INFILL

DESIGN + ENGINEER + FABRICATE + INSTALL



7x7 CONSTRUCTION
CABLE



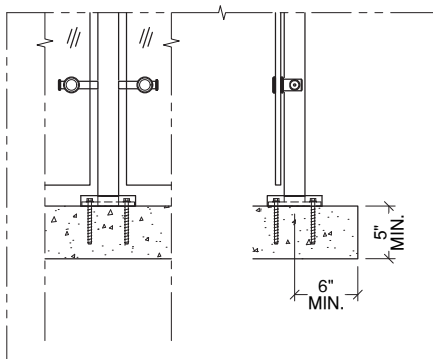
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CUBE MOUNTING CONDITION

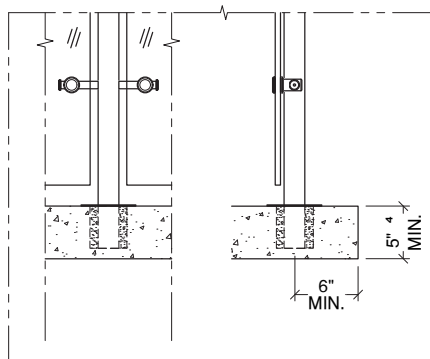
TOP MOUNTED POST

DESIGN + ENGINEER + FABRICATE + INSTALL



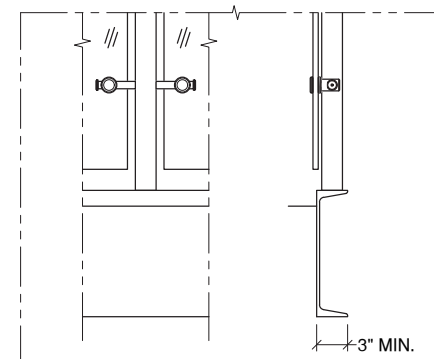
Anchored to Concrete ¹ - \$ ²

Detail# CU-T01 ³



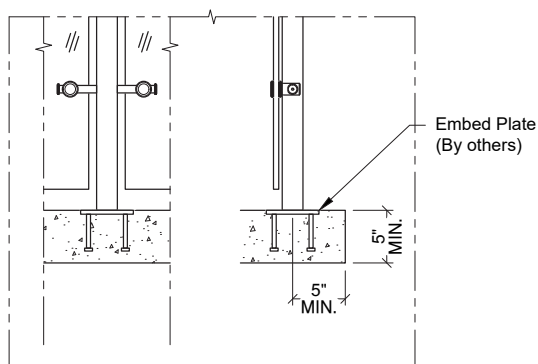
Cored into Concrete - \$\$

Detail# CU-T02



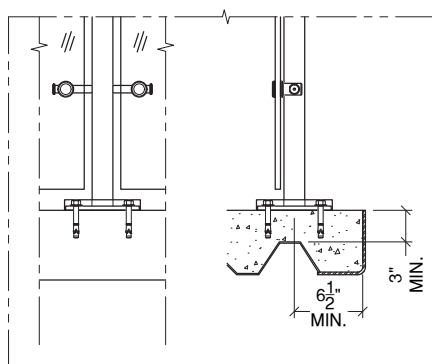
Welded @ Steel Channel - \$

Detail# CU-T03



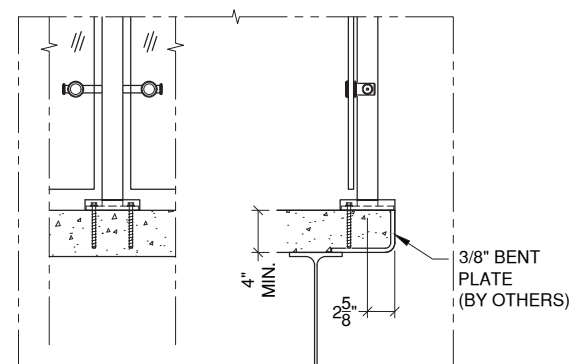
Welded @ Embed Plate - \$

Detail# CU-T04



Anchored to Concrete Slab on Deck - \$\$

Detail# CU-T05



Anchored to Concrete
Welded to Steel Plate - \$

Detail# CU-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

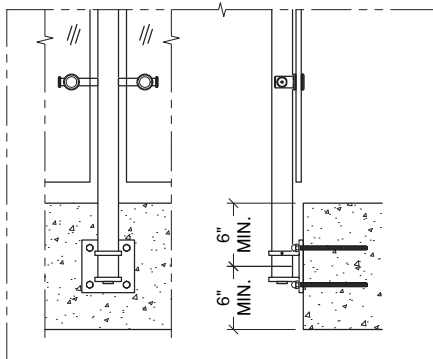
(4) 6 1/2" Min. for end post with cable infill

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CUBE MOUNTING CONDITION

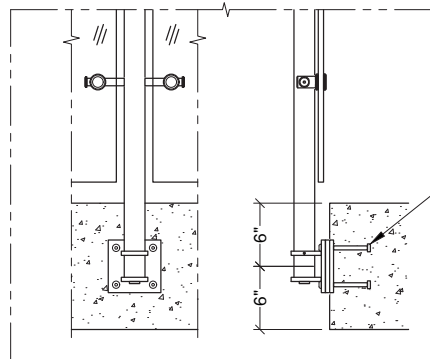
FASCIA MOUNTED POST

DESIGN + ENGINEER + FABRICATE + INSTALL



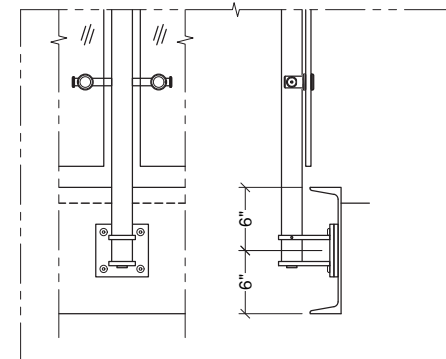
Anchored to Concrete ¹ - \$\$\$

Detail# CU-F01 ²



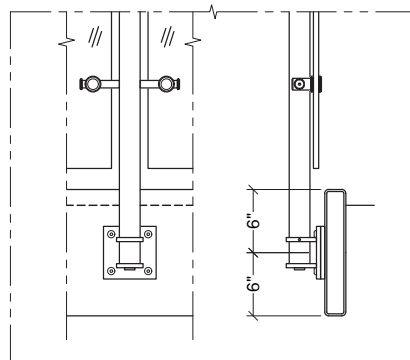
Welded @ Embed Plate - \$\$

Detail# CU-F02



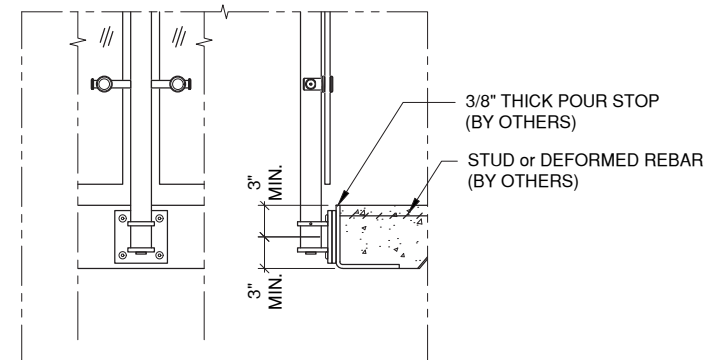
Welded @ Steel Channel - \$\$

Detail# CU-F03



Welded @ Steel Tube - \$\$

Detail# CU-F04



Welded @ Pour Stop - \$\$

Detail# CU-F05

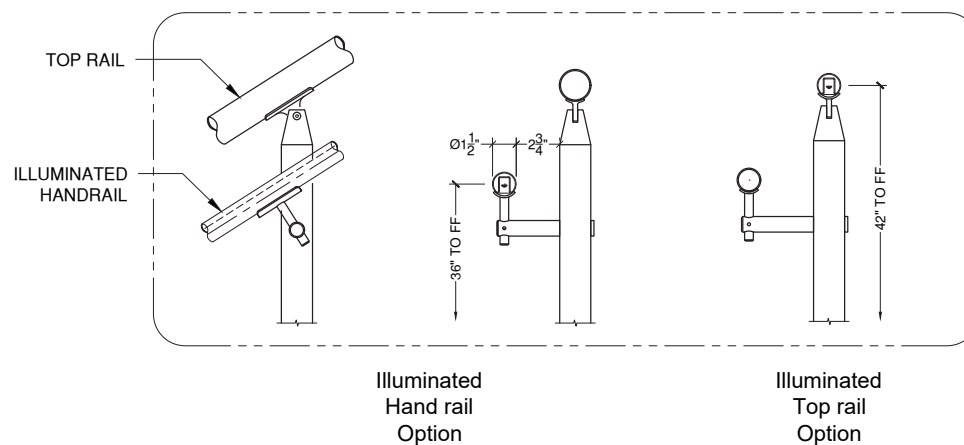
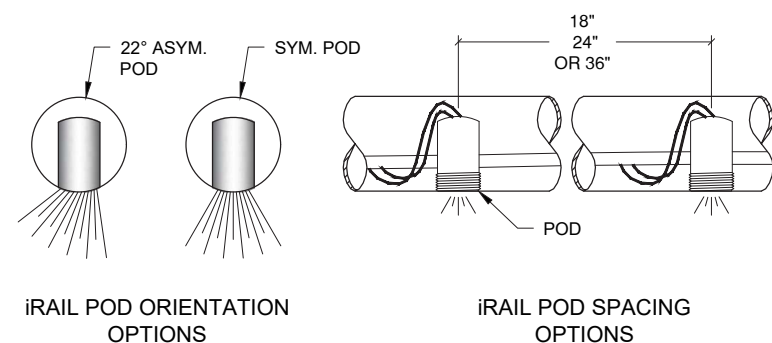
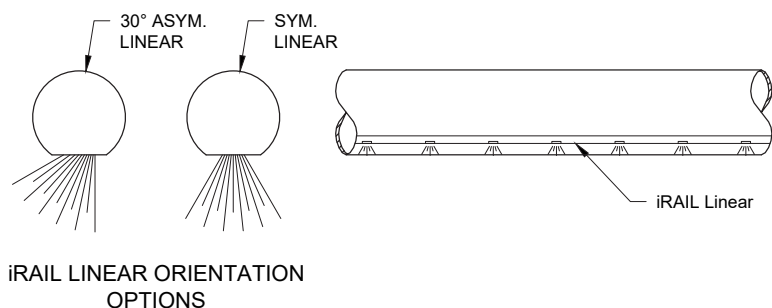
(1) Min. 4000 PSI concrete, Typ.

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

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CUBE ILLUMINATED RAILING OPTIONS

DESIGN + ENGINEER + FABRICATE + INSTALL


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

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CUBE FINISHING OPTIONS

DESIGN + ENGINEER + FABRICATE + INSTALL

#6 SATIN - #8 MIRROR

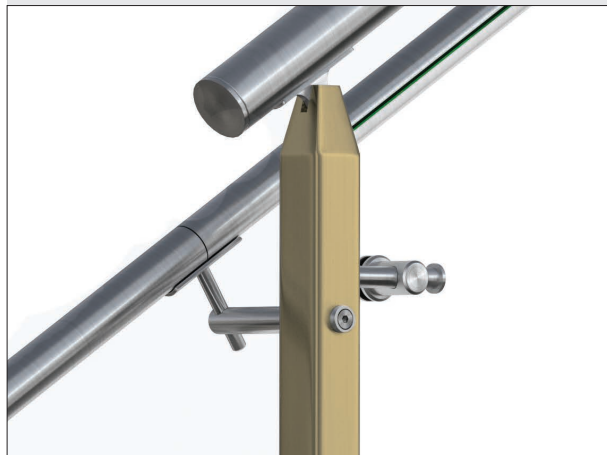


#6 Satin is a silver-white finish with relatively short linear directional polishing lines. This finish is quite common with SS architectural applications. It is a two-step abrasive polish finish with the equivalent of a 240 grit abrasive.

#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.**

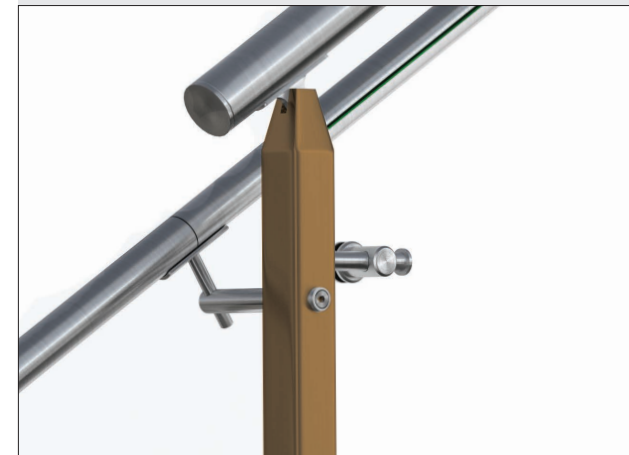
ECM



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

CUBE PERFORATED METAL PANELS

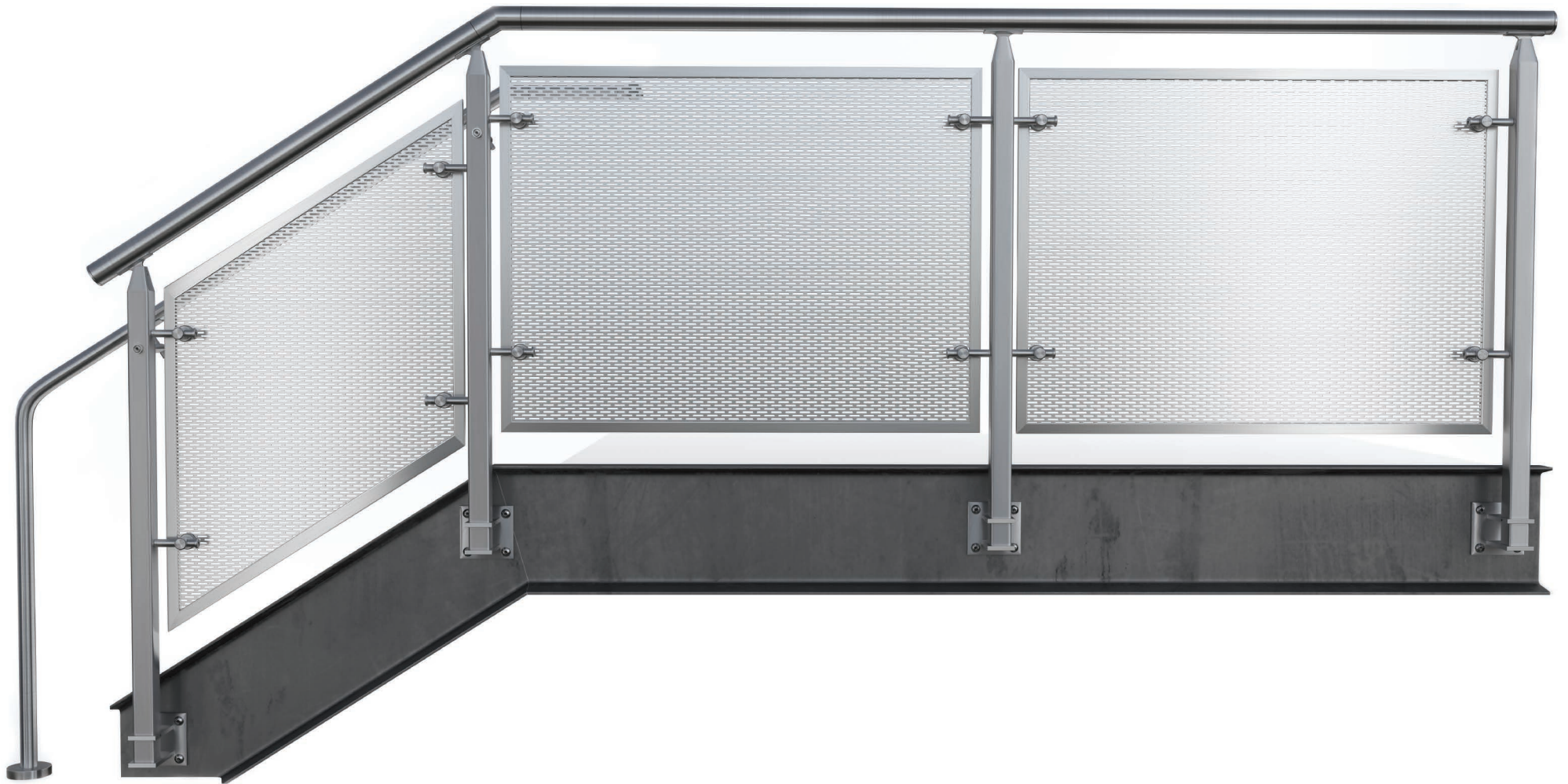


DESIGN + ENGINEER + FABRICATE + INSTALL



CUBE PERFORATED METAL PANELS

DESIGN + ENGINEER + FABRICATE + INSTALL



POST RAILING SYSTEM

CUBE



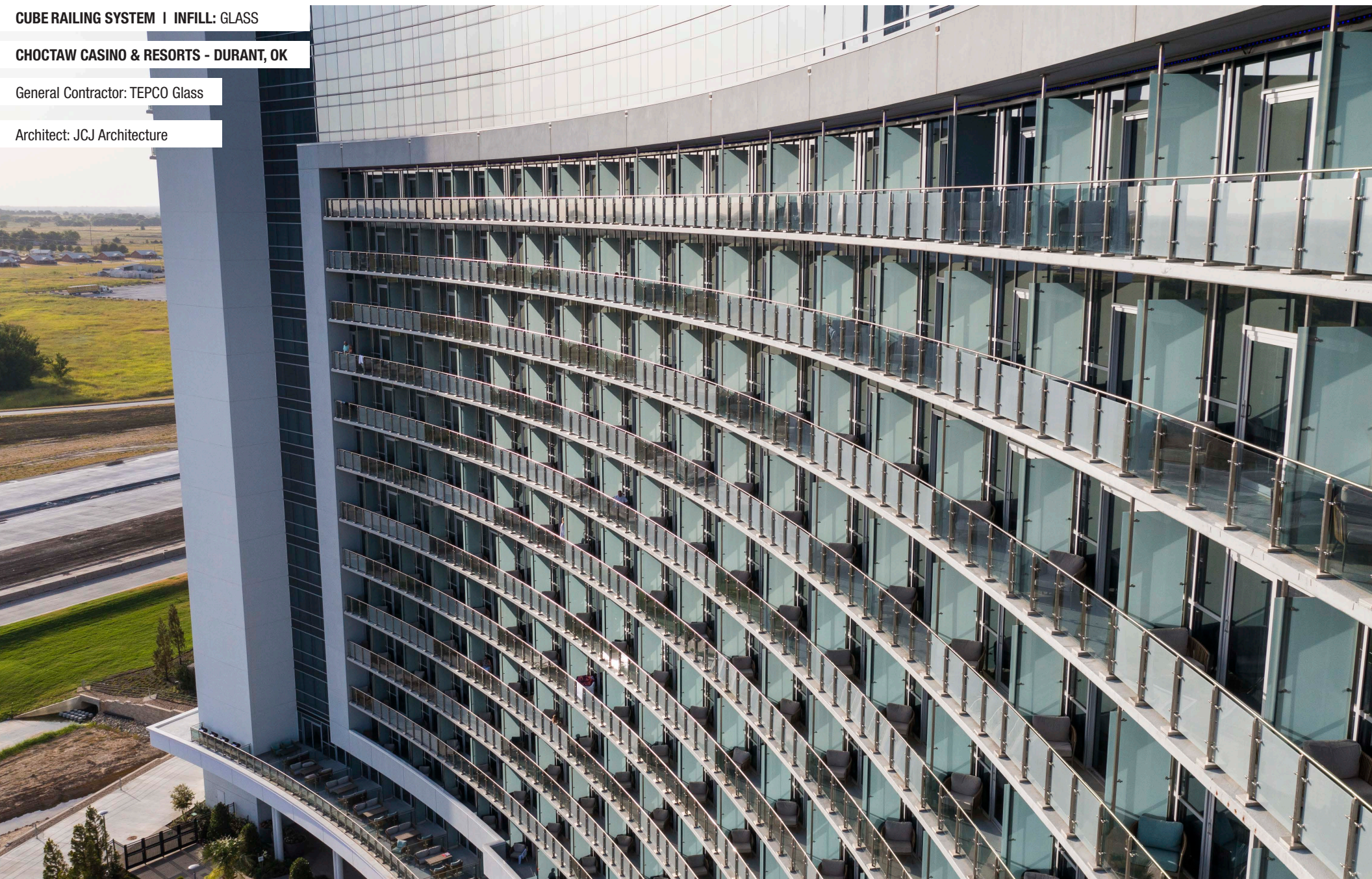
DESIGN + ENGINEER + FABRICATE + INSTALL

CUBE RAILING SYSTEM | INFILL: GLASS

CHOCTAW CASINO & RESORTS - DURANT, OK

General Contractor: TEPCO Glass

Architect: JCJ Architecture



POST RAILING SYSTEM

CUBE



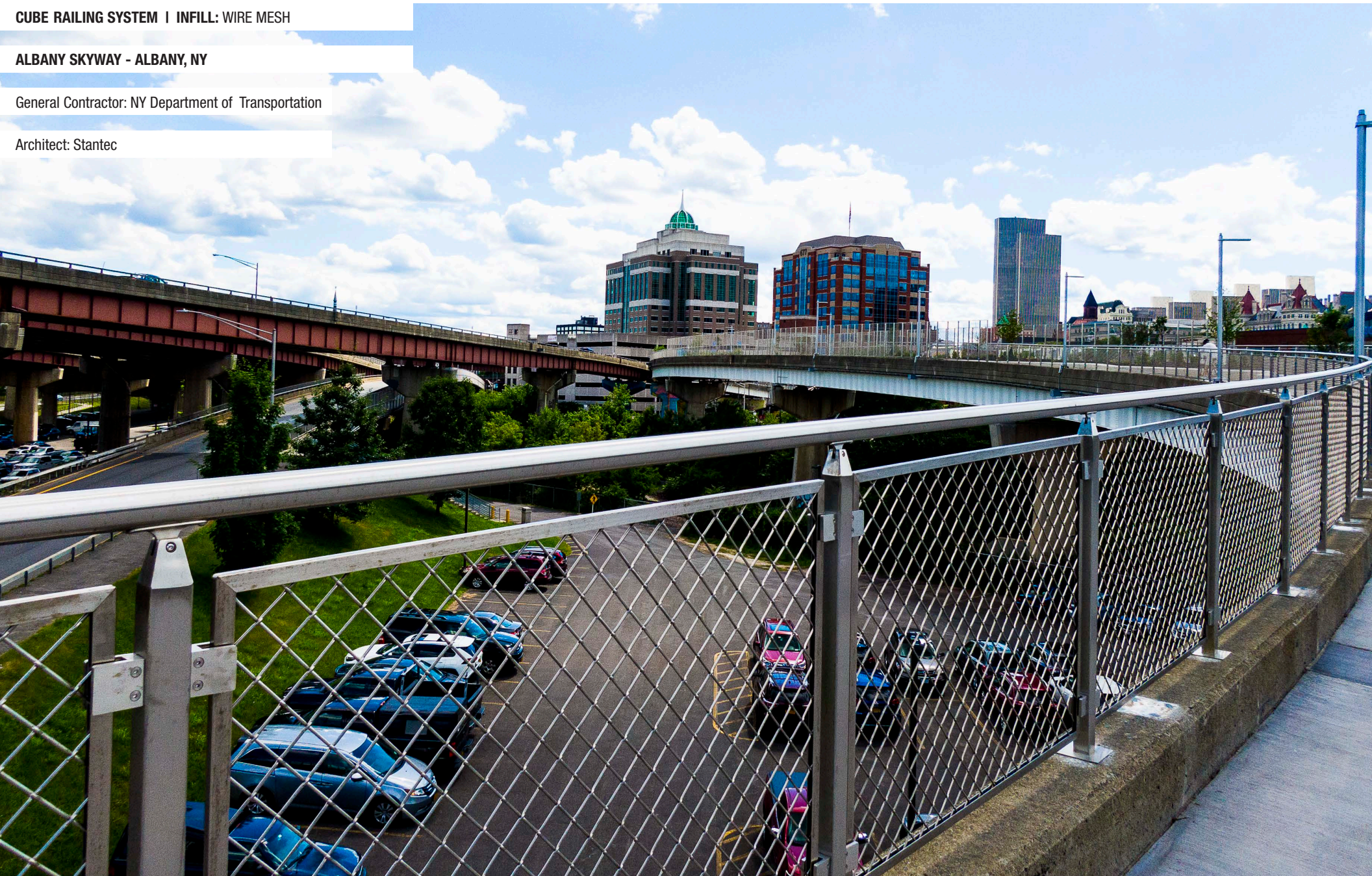
DESIGN + ENGINEER + FABRICATE + INSTALL

CUBE RAILING SYSTEM | INFILL: WIRE MESH

ALBANY SKYWAY - ALBANY, NY

General Contractor: NY Department of Transportation

Architect: Stantec



POST RAILING SYSTEM
CUBE

DESIGN + ENGINEER + FABRICATE + INSTALL

CUBE RAILING SYSTEM | INFILL: CABLE

PGA OF AMERICA HEADQUARTERS - FRISCO, TX

PC-20 MATTE BLACK POWDER COATED POSTS

General Contractor: Adolfson & Peterson Construction

Architect: Page Southerland Page

