

WAGNER RAIL SYSTEM

GLASS RAILING

CABLE RAILING

SPIRAL STAIRS BALCONIES

ALUMINUM RAILINGS

BRASS / SS FITTINGS

PRE-DRILLED POSTS FOR WELDED ASSEMBLY

All posts are custom made based on *customer provided*, detailed shop drawings. Upon request, **Wagner** can provide shop drawings – standard charges will apply.



- **End Posts** are drilled through or drilled and tapped on one side for use with Invisiware® Threaded Tab.
- **Intermediate Posts** are provided with through holes.

Wagner can also customize your posts with counterbored holes, coped connections, special bends, or miters. Download a **Post Order Form** at www.wagnercablerailing.com or Contact **Wagner** for pricing.

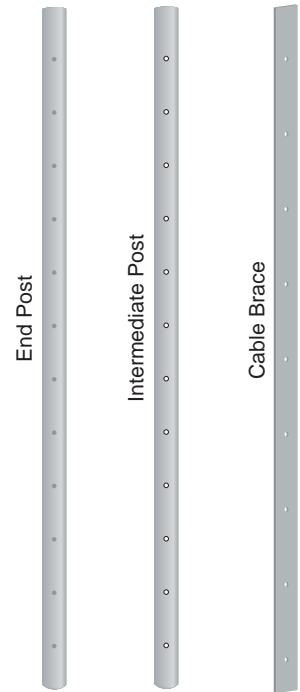
Material Options: Steel and Stainless Steel in sizes as indicated. When ordering, note size of **Cable** to be used. Wood posts – minimum 4 x 4 nominal lumber – are supplied by others.

CABLE BRACES

¼" x 1" **Cable Braces** are used to support the **Cables** between **End** or **Intermediate Posts**. They keep the **Cable** from flexing excessively when a load is applied. **Cable Braces** are attached to the top rail and to the lower mounting surface – either a bottom rail or deck. Download a **Cable Brace Order Form** at www.wagnercablerailing.com.



Pipe Size	Tube Size	Schedule	Wall
1¼"	1.660"	40	.140"
1¼"	1.660"	80	.191"
1½"	1.900"	40	.145"
1½"	1.900"	80	.200"
2"	2.375"	40	.154"
2"	2.375"	80	.218"
1" x 2"			.120"
1" x 3"			.120"
2" x 2"			.120"
2" x 2"			.250"



TYPICAL POST ASSEMBLY CONFIGURATIONS

These details are some of the more common Cable Rail configurations. For complete design and fabrication information, please download **Product Design and Fabrication Guide for Metal Framed Railings** at www.wagnercompanies.com/cable-railing.aspx. **Cable** must be supported every 42" mid run by either a **Cable Brace** or **Intermediate Post**.

RECTANGULAR TUBE POST

End Post: Double 1" x 3" or 1" x 2" tube separated by stainless steel **Spacer** with **Invisiware®** fitting.

Cable Brace: ¼" x 1" bar with through holes for **Cable**.

Intermediate Post: 1" x 3" or 1" x 2" tube with through hole and **Grommets**.

SQUARE TUBE POST

End Post: 2" x 2" tube with 1" x 2" top rail.

Cable Brace: ¼" x 1" bar with through holes for **Cable**.

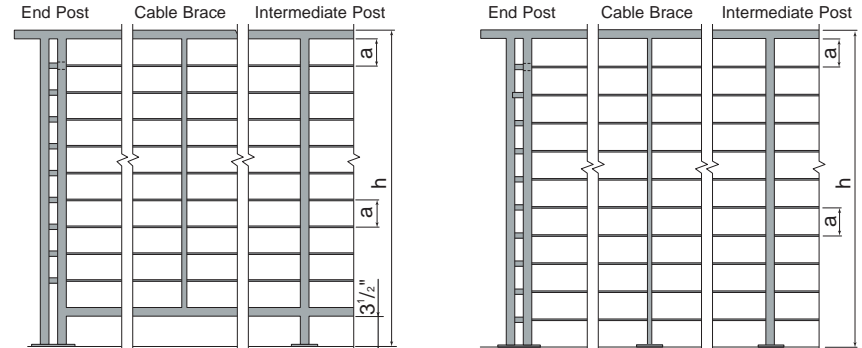
Intermediate Post: Double 1" x 2" tube with through hole and **Grommets**.

BUILDING CODE ISSUES:

To meet most code requirements restricting guard openings, **Cables** are spaced between 3" and 3½" on center – depending on frame construction.

Refer to page 264 for information regarding the *ladder effect*.

RECTANGULAR TUBE POST – WELDED ASSEMBLY



SQUARE TUBE POST – WELDED ASSEMBLY

