

Challenge:

How to fabricate one-of-a-kind spiral staircase rails, which are tricky to form flawlessly?

TSM Solution:

Most spiral staircase manufacturers are limited in scope to only making rails that will fit a prepackaged stair measurement or forming the spiral rails at the jobsite. TSM does not make stairs, only the rails themselves, but we can make them to fit any unusual application. These beautiful ellipses were made in our factory strictly from plans supplied by the contractor, and they fit perfectly when they arrived.



Westin Maui

Maui, Hawaii
Architect: Lawton Umemura Architects
Bright Finish Brass 2" O.D. One-Line Floor Mounted Rail (51mm)
Model # U-200-1/BB



Challenge:

How to attach the heavy, 7' long (2134mm) gates to the posts?

TSM Solution:

The length of these custom gates required heavy-duty hinges that were not commercially available and had to be designed and fabricated by TSM. TSM has since then provided these hinges for several other projects.



Fundadores Station

Monterrey, Mexico
Architect: Albuerne & Associates
Satin Finish Type 304 Stainless Steel
Parapet Rail: 1.9" O.D. (48mm) with Welded Dome Cap
Side Mounted Handrail 1.9" (48mm) with Welded Dome Cap Brackets & Posts 2" x 1/4" Flat Bar (51x6.4mm)
Gate: Frame 2" O.D. x .120" (51x3mm)
End Post 4" O.D. x .120" (102x3mm) with Welded Dome Cap Crosspieces 5/8" O.D. (16mm); Barrel Hinges
Parapet Rail Model # GRD-156
Gate Model # GRD-604



Civic Center Subway Station

Los Angeles, California

Architect:
Arthur Erickson
Satin Finish Type 304
Stainless Steel
Railing Top Line and
Half-Circle End,
1.9" O.D (48mm)
Posts 1 1/2" x 1"
(38x25mm);
Centerline Rail
3" O.D. (76mm) with
Light Housing Welded
to Posts and Welded
Dome Cap
Model # GRD-896

