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.

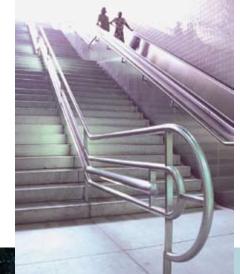




Challenge: How to attach the heavy, 7' long (2134mm) gates to the posts?

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.



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 11/2" x 1" (38x25mm); Centerline Rail 3" O.D. (76mm) with Light Housing Welded to Posts and Welded Dome Cap Model # GRD-896

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

> www.calltsm.com Toll Free: 800/CALL TSM (800/225-5876) • 310/515-4801 • Fax 310/217-0653

