

**Geometrica Lattice Steel Domes**

Geometrica Inc. manufactures custom designed lattice domes for a wide variety of facilities, including the (56'x82') central patio of Plaza Valle Shopping Center in Monterey, Mexico. Unlike circular geodesic domes, this dome is a super-ellipse, with a rectangular base ring. Subsequent rings become closer to a pure ellipse. The dome rises 14' above its support columns. Design allows for a snow load of 12 psf and wind velocity of 80 mph. The structure is comprised of 1200 steel tubes, in 800 different configurations, which were erected in 7 days. The entire structure weighs 1.1 psf. Other Geometrica dome projects are in Saltillo, Mexico and Mexico City.

Contact: Francisco Castano  
Organization: Geometrica, Inc.  
Address: 118 Broadway  
Suite 621  
City: San Antonio  
State/Province: TX  
Postal Code: 78205  
Country: USA  
Phone No: 210-978-7612  
FAX: 713-722-0331  
URL: <http://geometrica.com/>  
Email: [sales.usa@geometrica.com](mailto:sales.usa@geometrica.com)