



**radiustrack®**

THE ART AND SCIENCE OF SIMPLIFYING THE CURVE

## Domes Interior & Exterior



Simple  
Fast  
Economical

Radius Track **Domes** cost up to 30% less than domes made with other construction methods. We are your “one-stop” provider for framing interior and exterior domes. If required, we will also provide certified structural engineering for any location in the U.S. Our computerized, digital integration process generates the steel framing shapes directly from our 3D computer model to produce the exact curved profile for each piece.

*Top left, top right and bottom right images: Holy Nativity Romanian Orthodox Church, Chicago, IL; Bottom left image: St Andrew Orthodox Christian Church, Riverside, CA*



## We can help simplify the design and construction of a variety of domes including:

- Interior Structural and Non-Structural
- On-the-Ground or In-Place Assembly
- Exterior: Open to Interior or Closed to Interior
- Single Structure
- Octagonal, Bell or Elliptical
- Exterior with or without Tension Ring
- Exterior with or without windows
- 2 Layer – interior dome within an exterior one
- Hybrid (with Red Iron Super Structure)

### RADIUS TRACK MAKES BUILDING DOMES SIMPLE, FAST AND ECONOMICAL

#### EXTERIOR DOMES

It's easy and economical to frame different size domes with Radius Track's complete structural exterior dome framing solutions. Domes less than 45' in diameter include continuous ribs precisely curved and cut.

Use our dome solutions for new construction or to replace alternative methods, such as fiberglass or concrete, that have cracked or fallen into disrepair.

#### HYBRID (IN-FILL) DOMES

For domes 45' in diameter or larger, we offer lighter, cold-formed "Hybrid" dome ribs used in conjunction with heavier structural or red iron steel members. The combination significantly lowers the overall price of the dome.

#### PLYWOOD

Simplify installation by custom ordering plywood sheathing in pre-cut contour sections that match the rib structure of the dome and will be sized exactly for your dome application.

#### STRUCTURAL ENGINEERING

We provide signed and sealed structural calculations and offer material testing data for your Engineer of Record upon request.

#### SCHEDULING AND FIELD ASSEMBLY

You receive a comprehensive timeline identifying milestones required to hit your delivery schedule. Dome solutions arrive at the jobsite with detailed 3D drawings and installation instructions for quick and easy assembly and one of our Design Technicians will be available to you throughout the project.



*Image top left:  
Holy Nativity  
Romanian Orthodox  
Church, Chicago, IL;  
Image bottom right:  
The Catholic Church  
of St. Michael, MN*



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