

# PERFECT CURVE™



**The Gatehouse  
at Chase Center**  
Home to the Golden State Warriors  
*San Francisco, CA*

**Steel-Con**

**Steel  
Construction  
Systems™**



[www.SteelConSystems.com](http://www.SteelConSystems.com)



## Product Application

### Product Application

- High-quality and time-saving
- Guaranteed accuracy through CAD software, designed and manufactured directly from project plans
- Assembled with steel rivets or welding, reducing built-in stresses
- Eliminates field modified standard framing members; no more flat spots or weak sections from field cutting and crimping
- Delivered ready to install

### Features and Benefits

- Curved products are fabricated from mill certified prime steel and conform to all applicable ASTM specifications using precise, computer-controlled processes.
- Curved products are available in a variety of thicknesses, from 33mil to 97mil.
- Steel-Con promises a perfect curved wall with structural strength and no flat spots.
- Steel-Con offers quick installation which will decrease layout time, considerably reducing your project schedule.
- Once Perfect Curve Products are delivered, simply set them in place and anchor them down.
- Perfect Curve eliminates labor-intensive crimping or cutting of the track at job sites.
- Match your curve's top and bottom track within 1/32 inch in 12 feet.
- Optional end tabs are available for splicing pieces together.
- When used in a structural application, the Perfect Curve products shall be reviewed and approved by the Architect or Engineer of record.

### Material Composition

- Mill certified steel
- ASTM A653/A653M
- 33 mil
  - 33 ksi yield strength
  - 45 ksi tensile strength
  - G60 galvanized coating
  - Steel rivet assembly only
- 43 mil
  - 33 ksi yield strength
  - 45 ksi tensile strength
  - G60 galvanized coating
  - Steel rivet or welded assembly
- 54 mil
  - 57 ksi yield strength
  - 65 ksi tensile strength
  - G60 galvanized coating
  - Steel rivet or welded assembly
- 68 mil
  - 57 ksi yield strength
  - 65 ksi tensile strength
  - G90 galvanized coating
  - Steel rivet or welded assembly
- 97 mil
  - 57 ksi yield strength
  - 65 ksi tensile strength
  - G90 galvanized coating
  - Welded assembly only



Radius Drop Soffits



Using Perfect Curve Wall Products assures the architect's vision is delivered while saving the contractor an immense amount of time over traditional methods.



Product Application



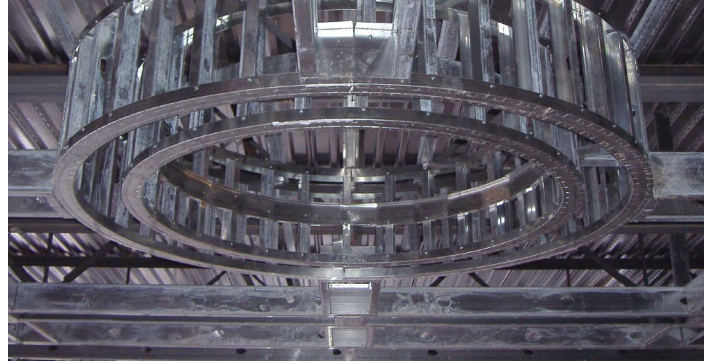
Arched Tracked Barrel Ceiling



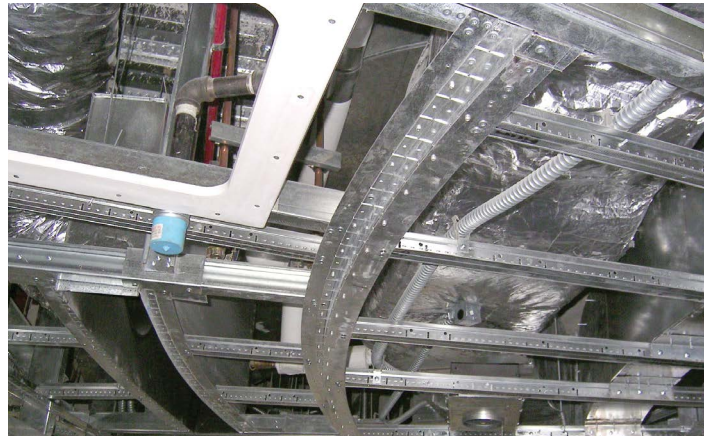
Circular Soffits



Interior Ceiling Domes



Curved Dropped Ceilings



Curved Z Track



Exterior Roof Domes



Barrel Ceilings



## Endless Possibilities

### Perfect Curve™ Wall Track

Where curved walls and suspended walls are required, Perfect Curve™ is the best solution available today. Turning curved track on its side allows uses in domes and barreled ceilings, offering durability and ease of installation.



### Perfect Curve™ Slotted Track

Built to accommodate vertical deflection in curved walls. Available in multiple radii with the option of larger slots for additional movement.



### Perfect Curve™ Arch Track

Designed for constructing arched openings, vaulted ceilings, and one-piece soffit faces in ceilings and extruded illuminated ceiling panes. Shown as Arched Track Leg-Out.



### Perfect Curve™ Angle

Intended for construction of smooth, curved soffit edges and dropped circular ceilings. Shown as Curved Angle Leg-In.



### Perfect Curve™ Z-Track (Curved or Arched)

Where curved walls and suspended walls are required, Perfect Curve™ is the best solution available today. Turning curved track on its side allows uses in domes and barreled ceilings, offering durability and ease of installation.



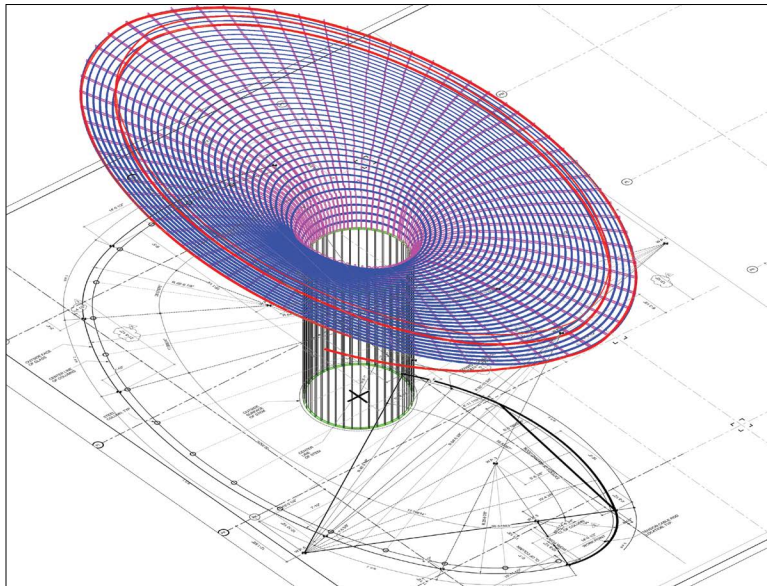
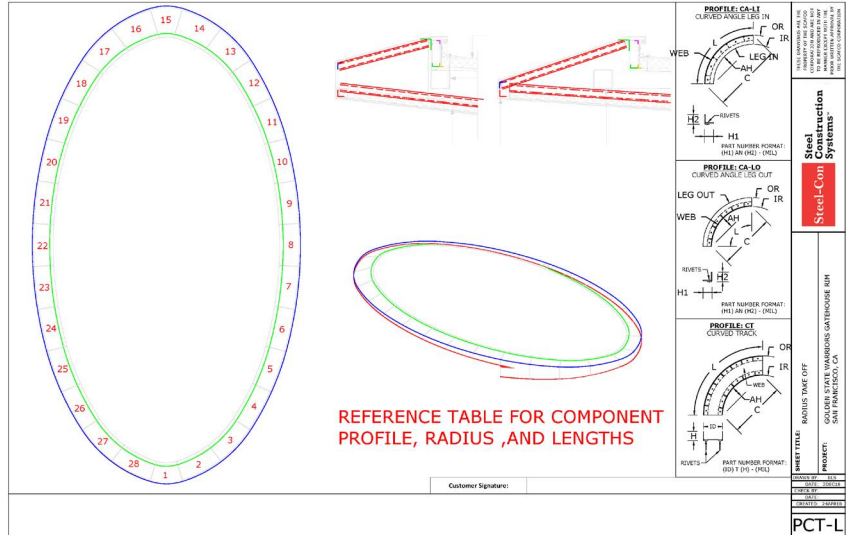
# ENDLESS POSSIBILITIES WITH PERFECT CURVE

Choose your solution for curved walls, circles,  
soffits, domes, and arched ceilings.

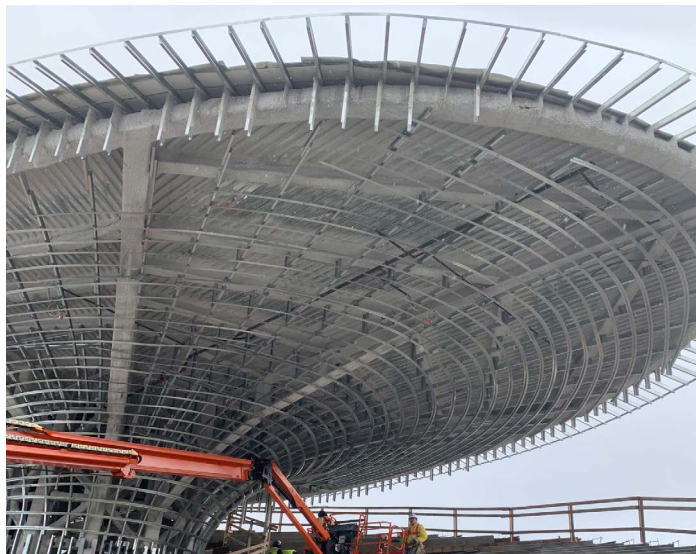
Project Takeoff Example

**YOU** PROVIDE  
THE PLANS,  
**WE** PROVIDE  
THE REST.

- 1. You provide the plans
- 2. We provide a guaranteed accurate product through CAD software using a precise, computer controlled process



- 3. We provide takeoff color coded with detailed design and installation plans
- 4. We provide labeling of materials for easy installation decreasing layout time and reducing your project schedule
- 5. Project Complete and Delivered You install with ease



Order Forms

Order forms can be found online at:

<https://www.steelconsystems.com/products/perfect-curve-curved-products/>

**Curved Track**  
Interactive Order Form

**Perfect Curve™ Order Form**

Customer Info  
 Sold To: \_\_\_\_\_ Job Name: \_\_\_\_\_  
 Contact Name and Number: \_\_\_\_\_  
 Customer PO: \_\_\_\_\_ Order Number: \_\_\_\_\_

**Curved Track**

Connection Rivets  
Optional Splicing Tab

**Standard Components**  
 \*1 1/2" Leg Height (H)  
 \*Steel Rivets 4" oc  
 \*10' Lengths (12' Max)  
 \*1 1/8" Web Min. (W)

Item No.	Finish Size	Web	No. of Pieces	Thickness (in)	Length (ft)	Web Depth (in)	Leg Height (in)	Inside Radius (in)	Outside Radius (in)	Part No. (Other Use)
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

Notes / Special Instructions (To assure accuracy, PLEASE provide plan details. For extended service contact [Technical@SteelCon.com](mailto:Technical@SteelCon.com))

Customer Signature: \_\_\_\_\_ Facsimile this form to your Steel-Con branch or District Sales Manager

RESET PRINT

**Arched Track**  
Interactive Order Form

**Perfect Curve™ Order Form**

Customer Info  
 Sold To: \_\_\_\_\_ Job Name: \_\_\_\_\_  
 Contact Name and Number: \_\_\_\_\_  
 Customer PO: \_\_\_\_\_ Order Number: \_\_\_\_\_

**Arched Track**

Optional Splicing Tab  
Connection Rivets  
Leg In  
Leg Out

**Standard Components**  
 \*1 1/2" Leg Height (H)  
 \*Steel Rivets 4" oc  
 \*10' Lengths (12' Max)

Item No.	Finish Size	Web	No. of Pieces	Thickness (in)	Length (ft)	Web Depth (in)	Leg Height (in)	Inside Radius (in)	Outside Radius (in)	Part No. (Other Use)
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

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**Circle Track**  
Interactive Order Form

**Perfect Curve™ Order Form**

Customer Info  
 Sold To: \_\_\_\_\_ Job Name: \_\_\_\_\_  
 Contact Name and Number: \_\_\_\_\_  
 Customer PO: \_\_\_\_\_ Order Number: \_\_\_\_\_

**Circle Track**

Curve Track CT  
Arched Leg In LI  
Arched Leg Out LO  
Splicing Tab

Item No.	Finish Size	Web	No. of Pieces	Thickness (in)	Length (ft)	Web Depth (in)	Leg Height (in)	Inside Radius (in)	Outside Radius (in)	Part No. (Other Use)
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

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**Curved Angle**  
Interactive Order Form

**Perfect Curve™ Order Form**

Customer Info  
 Sold To: \_\_\_\_\_ Job Name: \_\_\_\_\_  
 Contact Name and Number: \_\_\_\_\_  
 Customer PO: \_\_\_\_\_ Order Number: \_\_\_\_\_

**Curved Angle**

Connection Rivets  
Leg In  
Leg Out

**Standard Components**  
 \*1 1/2" Leg Height (H)  
 \*Steel Rivets 4" oc  
 \*10' Lengths (12' Max)

Item No.	Finish Size	Web	No. of Pieces	Thickness (in)	Length (ft)	Web Depth (in)	Leg Height (in)	Inside Radius (in)	Outside Radius (in)	Part No. (Other Use)
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

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**Curved Z Track**  
Interactive Order Form

**Perfect Curve™ Order Form**

Customer Info  
 Sold To: \_\_\_\_\_ Job Name: \_\_\_\_\_  
 Contact Name and Number: \_\_\_\_\_  
 Customer PO: \_\_\_\_\_ Order Number: \_\_\_\_\_

**Curved Z Track**

Finished Side Up  
Finished Side Down

**Standard Components**  
 \*1 1/2" Leg Height (H)  
 \*Steel Rivets 4" oc  
 \*10' Lengths (12' Max)  
 \*1 1/8" Web Min. (W)

Item No.	Finish Size	Web	No. of Pieces	Thickness (in)	Length (ft)	Web Depth (in)	Leg Height (in)	Inside Radius (in)	Outside Radius (in)	Part No. (Other Use)
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
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**Arched Z Track**  
Interactive Order Form

**Perfect Curve™ Order Form**

Customer Info  
 Sold To: \_\_\_\_\_ Job Name: \_\_\_\_\_  
 Contact Name and Number: \_\_\_\_\_  
 Customer PO: \_\_\_\_\_ Order Number: \_\_\_\_\_

**Arched Z Track**

Finished Inside  
Finished Outside

**Standard Components**  
 \*1 1/2" Leg Height (H)  
 \*Steel Rivets 4" oc  
 \*10' Lengths (12' Max)

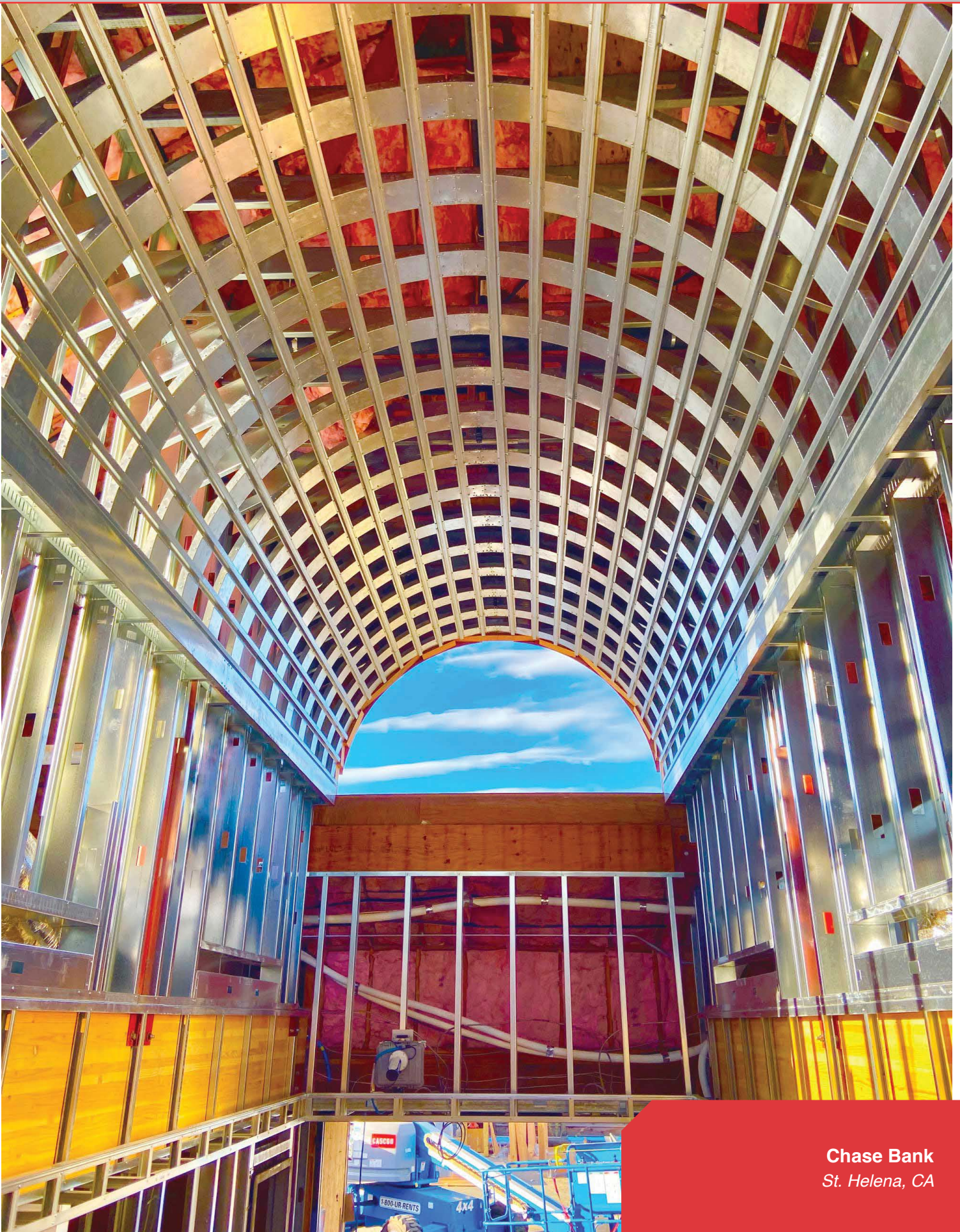
Item No.	Finish Size	Web	No. of Pieces	Thickness (in)	Length (ft)	Web Depth (in)	Leg Height (in)	Inside Radius (in)	Outside Radius (in)	Part No. (Other Use)
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
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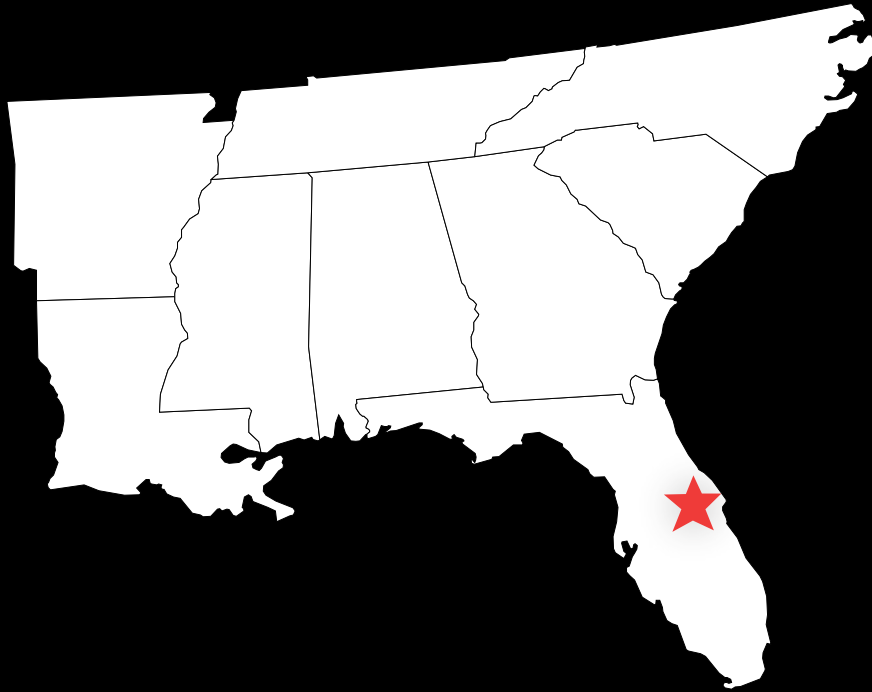


**Chase Bank**  
St. Helena, CA



**Steel-Con**<sup>TM</sup>

**Steel Construction  
Systems**



23-4 Perfect Curve

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[www.SteelConSystems.com](http://www.SteelConSystems.com)