



radiustrack®

Sustainability Position

# LESS MATERIAL. LESS WASTE. MORE CONTROL.

Sustainable Framing, Built into the Process

At Radius Track, sustainability isn't something we add; it's the result of how we build: with precision, efficiency, and control.

## Building Smarter. Building Greener.

Radius Track's Light Steel Framing (LSF) and Cold-Formed Steel (CFS) systems are engineered to reduce environmental impact at every stage- from material sourcing and fabrication to installation and end of life.

### Precision Reduces Waste

- Made-to-length components reduce jobsite scrap.
- Prefabricated systems minimize overordering and rework.
- Repeatable solutions allow for standardization with flexibility.

### Material Efficiency Starts With Steel

- LSF/CFS contains recycled content and is 100% recyclable at the end of life.
- Lightweight systems use less material per square foot than traditional construction methods.
- Reduced material mass contributes to lower embodied energy.



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### Lightweight Construction Lowers Impact

- Fewer shipments are required due to reduced weight when sold by the stick.
- Less reliance on heavy equipment during installation.
- Faster installation reduces the overall job-site timeline for lower energy use.

## Digital Processes & Lifecycle Value

Radius Track cannot control how shipping materials are dealt with when delivered to a jobsite, but a vast majority of the shipping materials we use are eco-friendly, being biodegradable and recyclable with very little petroleum-based products.

### Radius Track's Shipping Practices

- Shipping by the stick allows for compact packaging.
- Packing prefabricated panels often includes reusing biodegradable assembly jigs as crating materials for shipping.
- Route optimization is always considered as part of our shipping transportation criteria to reduce fuel costs and expedite orders.
- When small shipments are made, we utilize shared freight transportation with LTL shipping arrangements.

### Built for the Full Lifecycle

- Steel framing systems retain value beyond the building lifecycle.
- Materials can be recycled and reintroduced into future production.
- Efficient systems support long-term building performance and adaptability.



### Digital Process = Smarter Building

- Virtual modeling and coordination reduce errors before fabrication and in the field.
- Data-driven production improves material utilization.
- Paperless workflows reduce administrative waste.

### Radius Track's Shop Operations

- CFS fabrication process uses less energy with more efficient equipment than other traditional building methods, such as structural steel, laminated wood, plastic, and concrete systems, when developing complex building applications.
- Custom part applications are project specific and engineered for efficiency.



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As construction continues to evolve, sustainability will be defined less by added features and more by how efficiently buildings are delivered.

**Less material. Less waste. More control.**

For more information go to

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