Pre-engineered Metal Building Systems

Nucor Buildings Group
Single Source
Building Design
Fabrication
Delivery
Construction

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50% of Low Rise
Non-residential
Construction are
Metal Building
Systems
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- Government
- Agricultural
- Warehousing
- Dealerships
- Logistics
- Office
- Aviation
- Recreation
- Etc.

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Clearspans Offer Imaginative Design

- Aviation
- Recreational
- Sport
- Manufactur’g
- Etc.
8 WEEKS
Average Manufacturing Time

2 MONTHS
Typical Construction Time

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30% Faster Construction Time

NEAR 0% Waste
F110: Special Structures: Pre-engineered Metal Building Structures

LOD 100
Building Envelope
LOD 200
Frame Rafters and Columns
Components and Cladding
LOD 350
LOD 400

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BIMxP with LOD in PEMB:
• Defined Rules of Engagement
• Better Understand Digital Deliverables
• LOD Leadtimes
• Productive on Day 1
• Move Forward as One

MBMA.com for More Information
• LOD for PEMB – Initial Draft Now Open for Public Comment
• BIMxP – CD-BIM BXP document as base
• Partnering with AISC and Ikerd Consulting for Industry Adoption