

Division 05 40 00
Division 05 30 00



**LAMP METAL
TRUSSES, INC.**

COLD FORMED STEEL ROOF TRUSSES & ROOF DECK SYSTEMS



**Designed, Engineered,
Fabricated & Installed to your
EXACT
project requirements**

www.lampmetaltrusses.com

800-964-1209

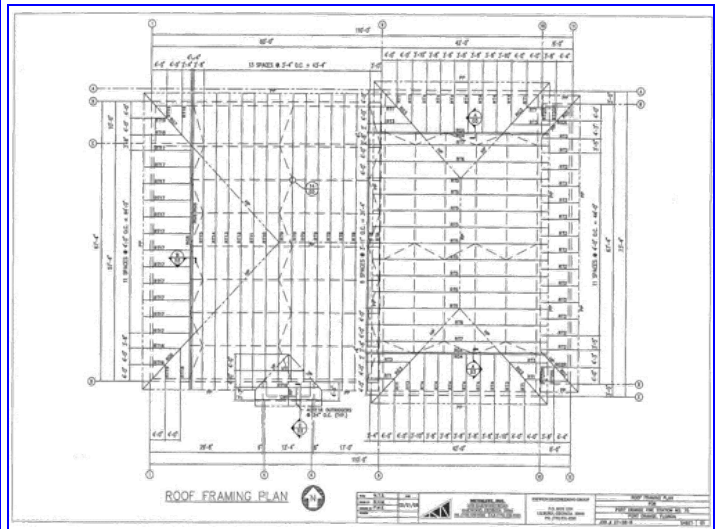
Lamp Metal Trusses is the only load-bearing, cold-formed steel framing company in the southeast US to offer complete metal truss “design to installation” services within a single organization. Lamp Metal Trusses is a **design assist** firm with over 25 years of experience in providing services and solutions to the architecture and general contracting communities. Our team of industry professionals has over 75 years experience combined.

Lamp Metal Trusses can substantially reduce your project’s roof framing time by providing and installing fully engineered and prefabricated cold formed truss and metal roof deck systems.

Whether your project is merely an idea or in the design stages, our integrated pre-construction team of estimators, engineers, and project managers can work with you to design and install a truss and metal roof deck system that allows your project to stay on schedule and on budget.

From your architectural and structural drawings, Lamp Metal Trusses pre-construction team will use proprietary software to produce detailed construction drawings showing the framing of each truss. Since the system is designed for ideal integration between the soffit and the roof insulation, detailed drawings will also illustrate and identify required connections and framing assemblies.

In addition, all drawings comply with relevant building codes, wind and structural loads, and seismic conditions.



Design-Assist

Lamp Metal Trusses’ pre-construction team will design-assist to architects, engineers, general contractors and owners to produce a truss system to the highest industry standards. The result is a value-engineered structure meeting all design requirements. Lamp Metal Trusses can also provide budget pricing.

Engineering

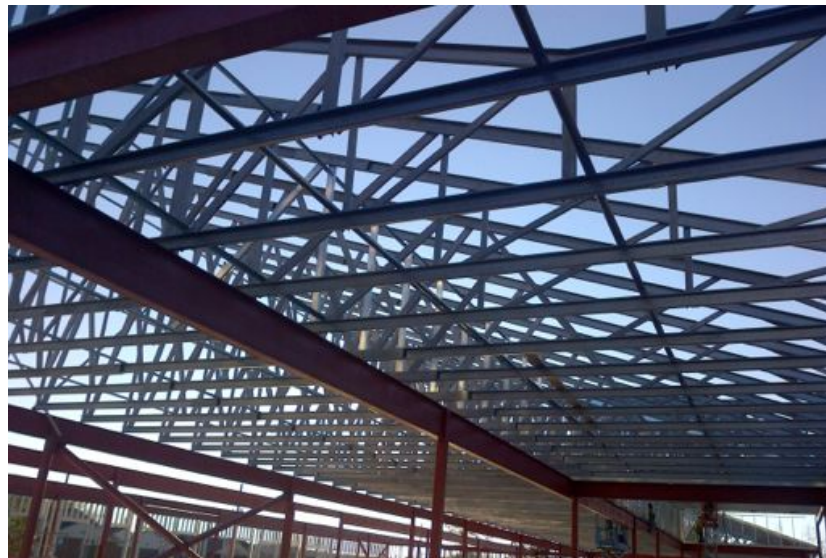
Lamp Metal Trusses’ in-house registered, structural engineers will calculate, design and stamp the truss and roof deck construction drawings. Lamp Metal Trusses’ engineers will work in partnership with the design architect, structural engineer and general contractor, streamlining the process and reducing time, money and effort.

Fabrication

Lamp Metal Trusses’ individual trusses are formed to specification and labeled for efficient, on-site fabrication. Stringent adherence to layout plans ensures the quality of the system, reducing project delays and structural concerns. Job site fabrication of trusses and roof deck systems keeps schedules moving forward.

Installation

Correct and efficient installation is the key to success. Lamp Metal Trusses is the only metal truss company in the southeast US to employ experienced, **in-house** installation crews dedicated exclusively to commercial installation.



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LAMP METAL TRUSSES, INC.

*"Our school project was originally specified for shop (**not onsite**) fabrication of the light-gauge truss system, but based on our investigation of Metalite, Inc. [Now Lamp Metal Trusses, Inc.] and their track record, we recommend to architects and engineers that we use a field fabricated system in lieu of shop fabrication. It was our opinion that this approach would save construction time, money and produce a better product."*

"The light-gauge truss system was field fabricated and installed completely by Metalite, Inc. [Now Lamp]. The project was completed in a professional and timely manner and we are pleased with the results. We are currently working on several other projects with architects and have strongly recommended using a field fabricated truss system by Metalite, Inc. [Now Lamp]."

Robert Kinney, President
Kinney Construction

Complete Truss System consisting of:

- Roof Trusses
- Complete Bridging and Bracing
- Attachment to structure
- Bent plates at all roof perimeters to support decking
- Continuous track at roof eaves to support fascia
- Outlooker framing
- Miscellaneous soffit and fascia framing when required

Fully Engineered:

- Framing plans locate trusses on the building
- Truss layouts and member schedules for each truss
- Detail page with fabrication and installation instructions which Lamp performs
- Complete connection details
- Building Information Modeling (BIM) Capable

Versatile:

Today's architectural designs require building systems that are flexible in their design. Lamp's trusses are custom fabricated on-site to accommodate variations in field conditions and suit the unique needs for each project. Lamp Metal Trusses are in accordance with AISI specifications, ICC, IBC, 2004 Florida Building Code & South Florida Building Code.

Strong:

Because Lamp Metal Trusses utilizes steel sections, trusses can be designed with spans and spacing far greater than wood trusses. This eliminates the need for many intermediate bearing walls and offers better conditions for mechanical, electrical, skylights, etc.

Design Thickness				
Minimum Thickness		Design Thickness		Gauge Reference
(mils)	(mm)	(Inches)	(mm)	gauge
30	0.753	0.0312	0.792	20
43	1.088	0.0451	1.146	18
54	1.366	0.0566	1.438	16
68	1.72	0.0713	1.811	14
97	2.454	0.1017	2.583	12



CFSEI
COLD-FORMED STEEL
ENGINEERS INSTITUTE



Code Compliance Certification Program For
Cold-Formed Steel Framing



Steel Framing Alliance™
Steel. The Better Builder.



Deer Valley Elementary School Gym
Birmingham, AL

**74 ft. clear span C-Stub Trusses in one piece
fabricated & installed by Lamp Metal Trusses**



LAMP METAL TRUSSES, INC.

‘Truss’ Us For Your Next Project

COLD FORMED STEEL ROOF TRUSSES & ROOF DECK SYSTEMS

“Esswein Engineering Group has complete confidence in the site fabrication of roof trusses by Lamp Metal Trusses, Inc. The structural integrity of the roof truss system is not compromised by the use of site fabrication. We feel single piece trusses properly fabricated and erected provide a roof truss system far superior to that obtained using piggy-back trusses. Trusses fabricated onsite are handled far fewer times than those fabricated in a manufacturing facility. The completed roof truss system using field fabricated trusses will adequately support the design criteria, including dead, live, seismic and wind loading conditions”.

Phillip Esswein P.E.

Steel is 100% recyclable and considered a green building material. Steel framing materials contain more than 55% of recycled steel. 60 million tons of steel scrap are recycled each year; more than paper, aluminum, glass and plastic combined.



How can we help you get a head-start on your next truss and roof deck project?

Lamp Metal Trusses needs a set of preliminary, working and/or design development drawings. This allows our pre-construction team to determine if the project is within your budget pricing.

Designed-Engineered-Fabricated-Installed

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