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FORM 393
ADVANCED STRUCTURAL COMPONENTS
FIREFIGHTER SAFETY NOTIFICATION

THIS FORM IS TO BE SUBMITTED AS A
 PART OF THE CORRESPONDING BUILDING
 PERMIT APPLICATION WHEN APPLICABLE

Overview:

This form is required in order to comply with the requirements of IC 22-11-21 (Public Law 104, 2018) as it relates to the use of advanced structural components (lightweight I-joists or lightweight roof trusses) in Class I and Class II construction that:

1. Have less mass cross-sectional area than sawn lumber of equivalent proportions used in an equivalent application; and
2. Are assembled from combustible or noncombustible materials, or both.

** This does not include a structural assembly, joist, or truss that provides at least 1 hour of fire resistance under ASTM E119**

General Information:

Address of Construction Activity: _____

Township: Elkhart Concord Jefferson

Project: _____

Class 1 Structure (commercial) blueprints required to be submitted
 Class 2 Structure (residential) floor joist layout and/or roof truss plan required to be submitted

County: Elkhart

Fire Department: City of Goshen Fire Department

Types & Locations of Advanced Structural Components:

Foundation: Basement Slab Crawlspace

1st Floor: I-Joist: Depth: 9 1/2" 11 7/8" 14" 16" Spacing on Center: 12" 16" 19.2" 24"
 Floor Truss: Wood Steel Depth: 12"/14" 16"/18" 20"/22" 24" Spacing on Center: 16" 19.2" 24"

2nd Floor : I-Joist: Depth: 9 1/2" 11 7/8" 14" 16" Spacing on Center: 12" 16" 19.2" 24"
 Floor Truss: Wood Steel Depth: 12"/14" 16"/18" 20"/22" 24" Spacing on Center: 16" 19.2" 24"

3rd Floor: I-Joist: Depth: 9 1/2" 11 7/8" 14" 16" Spacing on Center: 12" 16" 19.2" 24"
 Floor Truss: Wood Steel Depth: 12"/14" 16"/18" 20"/22" 24" Spacing on Center: 16" 19.2" 24"

Roof: Wood Truss I-Joist Steel Truss Aluminum Truss Bar Joist

Roof Pitch: ____/12 Spacing on Center: 12" 16" 19.2" 24" Other: _____

I hereby certify that I have the authority to make the foregoing application; that the application and accompanying plans/documentation are correct.

 Applicant Signature

 Printed Name

 Date

Definitions:

Advanced structural component; lightweight I-joists or lightweight roof trusses that:

Have less mass cross-sectional area than sawn lumber of equivalent proportions used in an equivalent applications and.

Are assembled from combustible or noncombustible materials, or both.

The term does not include a structural assembly, joist, or truss that provides at least one (1) hour of fire resistance when tested in accordance with ASTM Standard E119.

Class 1 structure;

A building or structure that is intended to be or is occupied or otherwise used in any part by any of the following:

The public

Three (3) or more tenants.

One (1) or more persons who act as the employees of another.

Class 2 structure;

A townhouse or a building or structure that is intended to contain or contains only one (1) dwelling unit or two (2) dwelling units unless any part of the building or structure is regularly used as a Class 1 structure.