

**UNIVERSITY OF ROCHESTER  
ENVIRONMENTAL HEALTH & SAFETY**

<b>Policy No.: FS046</b>	<b>Approved by: Mark Cavanaugh</b>
<b>Title: Identification of Truss-type Construction</b>	<b>Date: 10/10/2022</b>
<b>Revision No.: 1</b>	<b>Page 1 of 5</b>
<b>Prepared by: Mark Militello</b>	
<b>EH&amp;S Department Use Only: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</b>	<b>UR Website: <input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted</b>

**I. PURPOSE**

New York State Executive Law §382-a provides that commercial and industrial buildings and structures that utilize truss type construction shall be marked by a sign or symbol that informs fire department personnel and other emergency operations of the existence of truss construction.

**II. PERSONNEL AFFECTED**

Planning & Project Management  
Medical Center Facilities and Operations  
Eastman School of Music Facilities and Operations  
River Campus Facilities and Operations  
Public Safety  
Hospital Fire Safety Specialist  
Real Estate Services

**III. DEFINITIONS**

For the purposes of this procedure, truss type construction shall mean a fabricated structure of wood or steel, made up of a series of members connected at their ends to form a series of triangles to span a distance greater than would be possible with any of the individual members on their own. Truss type construction shall not include:

- (1) individual wind or seismic bracing components which form triangles when diagonally connected to the main structural system; and
- (2) structural components that utilize solid plate web members.

**IV. RESPONSIBILITIES**

For any construction/renovation project managed through Planning & Project Management (PPM), the Medical Center Facilities and Operations, RC Facilities and Operations, Eastman School of Music Facilities and Operations or Real Estate Services whenever truss construction is being used they will adhere to this procedure and ensure appropriate signage is installed.

**V. PROCEDURES**

Truss type construction shall be identified by a sign or signs in accordance with the provisions of this Part.

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Signs shall be affixed where a building or a portion thereof is classified as Group A, B, E, F, H, I, M, or S occupancy, and in hotels and motels classified as Group R-1 or R-2 occupancy, in accordance with the provisions for the classification of buildings set forth in Chapter 3 of the Building Code of New York State (see 19 NYCRR Part 1221).

Signs shall be provided in newly constructed buildings that utilize truss type construction and in existing buildings where an addition that extends or increases the floor area of the building utilizes truss type construction. Signs shall be affixed prior to the issuance of a certificate of occupancy or a certificate of compliance.

Signs identifying the existence of truss construction shall consist of a circle 6 inches (152.4 mm) in diameter, with a stroke width of inch (12.7 mm). The sign background shall be reflective white in color. The circle and contents shall be reflective red in color, conforming to Pantone matching system (PMS) #187. Where a sign is directly applied to a door or sidelight, it may be a permanent non-fading sticker or decal.

Signs not directly applied to doors or sidelights shall be of sturdy, non-fading, weather resistant material.

Signs identifying the existence of truss construction shall contain the roman alphanumeric designation of the construction type of the building, in accordance with the provisions for the classification of types of construction set forth in §602 of the Building Code of New York State (see 19 NYCRR Part 1221), and an alphabetic designation for the structural components that are of truss construction, as follows:

“F” shall mean floor framing, including girders and beams.

“R” shall mean roof framing

"FR" shall mean floor and roof framing

The construction type designation shall be placed at the twelve o'clock position over the structural component designation, which shall be placed at the six o'clock position.

Signs identifying the existence of truss construction shall be affixed in the locations specified in Table FI-1264.

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**Table FI-1264 - Truss Identification Sign Locations**

<b>SIGN LOCATION</b>	<b>SIGN PLACEMENT</b>
Exterior building entrance doors, exterior exit discharge doors, and exterior roof access doors to a stairway.	Attached to the door, or attached to a sidelight or the face of the building, not more than 12 inches (305 mm) horizontally from the latch side of the door jamb, and not less than 42 inches (1067 mm) nor more than 60 inches (1524 mm) above the adjoining walking surface.
Multiple contiguous exterior building entrance or exit discharge doors	Attached at each end of the row of doors and at a maximum horizontal distance of 12 feet (3.65M) between signs, and not less than 42 inches (1067 mm) nor more than 60 inches (1524 mm) above the adjoining walking surface.
Fire department hose connections	Attached to the face of the building not more than 12 inches (305 mm) horizontally from the center line of the fire department hose connection, and not less than 42 inches (1067 mm) nor more than 60 inches (1524 mm) above the adjoining walking surface.

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**Sample Truss Identification Placards**



**VI. REFERENCES**

- 19 NYCRR Part 1221
- 19 NYCRR Part 1264
- NYS Building Code Chapter 3 and Section 602

**VII. APPENDICES/FORMS – N/A**

**VIII. REVISION HISTORY**

Date	Revision No.	Description
5/30/2019	New	New procedure to identify truss sign requirements

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10/10/2022	1	Triennial Review - Added to "Personnel Affected" and reviewed Policy
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