

IDENTIFICATION OF BUILDINGS UTILIZING TRUSS CONSTRUCTION PERMIT REQUIREMENTS



**Town of Brighton
Office of the Fire Marshal**

MAY 2020

Identification of Buildings Utilizing Truss Type Construction

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 persons conducting fire control and other emergency operations of the existence of truss construction.

Scope

To provide our customers a single point of reference for required signage related to Buildings Utilizing Truss Type Construction.

Enforcement

A fee of fifty dollars shall be paid by the owner of a building with truss type construction to the authority having jurisdiction for enforcement of section 382-a of the Executive Law prior to the issuance of a building permit.

Definitions

For the purposes of this Part, 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.

Identification of truss type construction

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

Table FI-1264 - Truss Identification Sign Locations

SIGN LOCATION	SIGN PLACEMENT
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.

Sample Truss Identification Placards



Part# TRUSS-NY1
Bldg. Construction Type I
Floor Construction



Part# TRUSS-NY2
Bldg. Construction Type II
Floor Construction



Part# TRUSS-NY3
Bldg. Construction Type III
Floor Construction



Part# TRUSS-NY4
Bldg. Construction Type IV
Floor Construction



Part# TRUSS-NY5
Bldg. Construction Type V
Floor Construction



Part# TRUSS-NY6
Bldg. Construction Type I
Roof Construction



Part# TRUSS-NY7
Bldg. Construction Type II
Roof Construction



Part# TRUSS-NY8
Bldg. Construction Type III
Roof Construction



Part# TRUSS-NY9
Bldg. Construction Type IV
Roof Construction



Part# TRUSS-NY10
Bldg. Construction Type V
Roof Construction



Part# TRUSS-NY11
Bldg. Construction Type I
Floor & Roof Construction



Part# TRUSS-NY12
Bldg. Construction Type II
Floor & Roof Construction



Part# TRUSS-NY13
Bldg. Construction Type III
Floor & Roof Construction

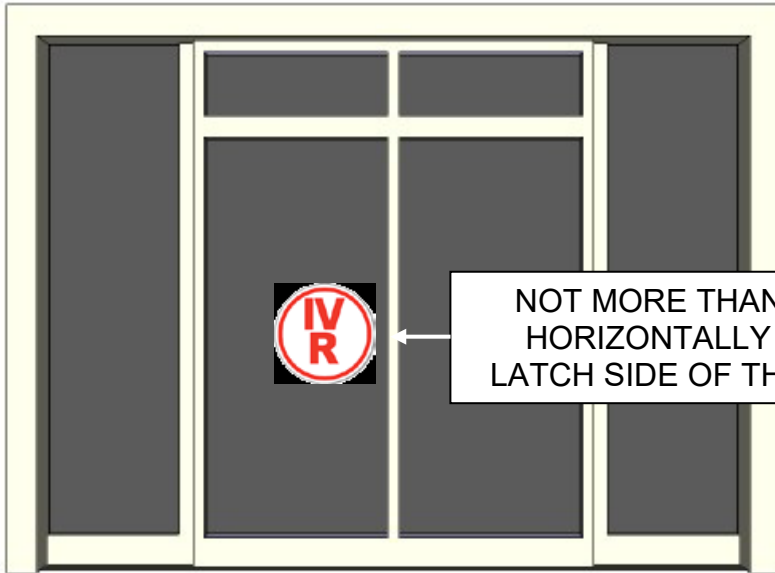


Part# TRUSS-NY14
Bldg. Construction Type IV
Floor & Roof Construction



Part# TRUSS-NY15
Bldg. Construction Type V
Floor & Roof Construction

Sample Truss Identification Placard - EXIT Door Location



NOT MORE THAN 12 INCHES
HORIZONTALLY FROM THE
LATCH SIDE OF THE DOOR JAM

NOT LESS THAN 42 INCHES NOR MORE THE 60
INCHES ABOVE THE ADJOINING WALING
SURFACE



NOT MORE THAN 12 INCHES
HORIZONTALLY FROM THE CENTERLINE
OF THE FIRE DEPARTMENT CONNECTION

NOT LESS THAN 42 INCHES NOR MORE
THE 60 INCHES ABOVE THE ADJOINING
WALING SURFACE