



BUILDINGS 2026-003 BULLETIN O T C R

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PURPOSE: This document provides guidance for the voluntary use of building information modeling (BIM) compliance check software to analyze digital 3D models for compliance with select NYC Code provisions prior to submission of plans to the Department.

SUBJECT(S): Innovation Challenge, BIM, Code Compliance, Software, 3D Modeling, Submission media

RELATED CODE SECTIONS: BC 107, AC 28-104

I. INNOVATION CHALLENGE COMPETITION

In 2021, the NYC Department of Buildings launched the **Hack the Building Code Innovation Challenge** competition. The competition sought ideas for modernizing the construction process by improving buildings and keeping a safe work site and adjoining buildings. The Department's website provides a [list of the winning technologies](#).

One of the competition's winning technologies uses software to check building information modeling (BIM) plans for compliance with Code requirements in preparation for submission of construction documents. This Bulletin recognizes the voluntary use of BIM compliance check software by the registered design professional (RDP) at the pre-filing stage to evaluate digital 3D models for compliance with applicable Codes, rules, and regulations.

II. BACKGROUND

Building Code Section BC 107 requires construction documents to demonstrate compliance with applicable Codes, rules, and regulations. BIM compliance check software may be voluntarily used by the RDP to assist with demonstrating compliance with these regulations.

III. DESCRIPTION

BIM compliance check software analyzes digital 3D models for compliance with select NYC Code provisions prior to submission of plans for construction document approval. BIM compliance check software is produced by independent organizations not associated with the New York City DOB.

IV. USES

At the discretion of the registered design professional, BIM compliance check software is used at the pre-filing stage to check for compliance with applicable Codes, rules and regulations.

V. GUIDANCE

1. BIM compliance check software is not evaluated by the Department. Reliability and accuracy of the software must be evaluated by the user.
2. Digital models and analytic reports from BIM compliance check software are not qualified replacements or supplements to current DOB submission requirements. Construction document submission requirements shall comply with AC 28-104.
3. All submissions must be filed in accordance with current NYC Construction Codes, [**Minimum Requirements for Review of Design Drawings, Drawing Standards for Plan/Work Application**](#), and [**Project Guidelines for Design Professionals**](#).