



Legislation Details (With Text)

File #: 22-997 **Version:** 1 **Name:**

Type: ITEMS FOR FURTHER CONSIDERATION **Status:** Approved

File created: 4/15/2022 **In control:** Development Services

On agenda: 5/11/2022 **Final action:**

Title: An ordinance amending Chapter 53, "Dallas Building Code," of the Dallas City Code by amending Sections 202, [F] 403.3.2, 406.5.2, 504.3, 504.4, 506.2.1, 506.2.3, 506.2.4, 507.3, 507.14, 508.4.4.1, 511.1.2, 602.1, 602.4, 718.2.1, 803.3, 803.13.3, [F] 903.2.8, 903.2.13, 1007.1.1, [BG] 1510.2.5, 1705.1.1, 2304.11; 2306.4, [P] 2902.1, 3103.1.2, 3109, 3313, 4005.2, 4005.3, and 4201.1; amending Tables 602, 903.2.13; (1) providing definitions, water supply to required fire pump requirements, requirements for screens on openings of motor-vehicle-related occupancies, updated cross references, sprinkler requirements for certain one-story buildings, area requirements, mass timber and heavy timber construction requirements, limitations on the fire areas of nonsprinklered buildings, fire-resistance rating requirements for exterior walls based on fire separation distance, an exception to the automatic sprinkler requirement for Group R-4 care facilities with five or fewer persons that are within a single-family dwelling, an exception to the fire wall requirement for membrane structures when authorized by the building official, nonsprinklered building fire area limits for Type IV construction, exit access doorway requirements, special inspection requirements, water closet and drinking fountain requirements, requiring permits for temporary structures, water safety for fire protection requirements, amended APA and ASTM standards, amended requirements for when the building official is required to call a meeting of the demolition review committee and amended unity agreement requirements; (2) adding a new Table 503, "Type IV A, B, & C Construction Allowable Heights, Stories and Areas"; (3) providing a new Section 509.4.1.1, "Type IV B and IV C Construction"; (4) providing a new Table 301.1, "Fire-Resistance Rating Requirements for Building Elements (Hours)"; (5) providing a new Section 703.8, "Determination of Noncombustible Protection Time Contribution"; (6) providing a new Section 703.9, "Sealing of Adjacent Mass Timber Elements"; (7) adding a new Section 722.7, "Fire-Resistance Rating of Mass Timber"; (8) adding a new Section 1007.1.2.1, "Interlocking Stairs When Allowed As Separate Exits With Three or More Exits or Exit Access Doorways"; (9) adding a new Section 1604.11, "Seismic Systems of Types IV A, B, C and HT"; (10) adding a new Section 1705.5.3, "Mass Timber Construction"; (11) adding a new Table 1705.5.5.3, "Required Special Inspections of Mass Timber Construction"; (12) adding a new Section 1705.19, "Sealing of Mass Timber"; (13) adding a new Section 2303.1.14, "Structural Glued Cross-Laminated Timber"; (14) adding a new Section 2304.10.8, "Connection Fire-Resistance Rating"; (15) adding a new Table 2304.11, "Minimum Dimensions of Heavy Timber Structural Members"; (16) adding a new Section 3314, "Fire Watch During Construction"; (17) adding a new Section 3315, "Noncombustible Construction for Exposure Protection"; (18) adding a new Section 3316, "Fire-Resistance-Rated Construction Inventory"; (19) providing a penalty not to exceed \$2,000.00; (20) providing a saving clause; (21) providing a severability clause; and (22) providing an effective date - Financing: No cost consideration to the City (see Fiscal Information)

"Note: This item was deferred by the City Council before opening the public hearings on April 7, 2022, and is scheduled for consideration on May 11, 2022"

Sponsors:

Indexes: 100

Code sections:

Attachments: 1. Ordinance

Date	Ver.	Action By	Action	Result
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STRATEGIC PRIORITY: Economic Development
AGENDA DATE: May 11, 2022
COUNCIL DISTRICT(S): All
DEPARTMENT: Development Services
EXECUTIVE: Majed Al-Ghafry

SUBJECT

An ordinance amending Chapter 53, "Dallas Building Code," of the Dallas City Code by amending Sections 202, [F] 403.3.2, 406.5.2, 504.3, 504.4, 506.2.1, 506.2.3, 506.2.4, 507.3, 507.14, 508.4.4.1, 511.1.2, 602.1, 602.4, 718.2.1, 803.3, 803.13.3, [F] 903.2.8, 903.2.13, 1007.1.1, [BG] 1510.2.5, 1705.1.1, 2304.11; 2306.4, [P] 2902.1, 3103.1.2, 3109, 3313, 4005.2, 4005.3, and 4201.1; amending Tables 602, 903.2.13; **(1)** providing definitions, water supply to required fire pump requirements, requirements for screens on openings of motor-vehicle-related occupancies, updated cross references, sprinkler requirements for certain one-story buildings, area requirements, mass timber and heavy timber construction requirements, limitations on the fire areas of nonsprinklered buildings, fire-resistance rating requirements for exterior walls based on fire separation distance, an exception to the automatic sprinkler requirement for Group R-4 care facilities with five or fewer persons that are within a single-family dwelling, an exception to the fire wall requirement for membrane structures when authorized by the building official, nonsprinklered building fire area limits for Type IV construction, exit access doorway requirements, special inspection requirements, water closet and drinking fountain requirements, requiring permits for temporary structures, water safety for fire protection requirements, amended APA and ASTM standards, amended requirements for when the building official is required to call a meeting of the demolition review committee and amended unity agreement requirements; **(2)** adding a new Table 503, "Type IV A, B, & C Construction Allowable Heights, Stories and Areas"; **(3)** providing a new Section 509.4.1.1, "Type IV B and IV C Construction"; **(4)** providing a new Table 301.1, "Fire-Resistance Rating Requirements for Building Elements (Hours)"; **(5)** providing a new Section 703.8, "Determination of Noncombustible Protection Time Contribution"; **(6)** providing a new Section 703.9, "Sealing of Adjacent Mass Timber Elements"; **(7)** adding a new Section 722.7, "Fire-Resistance Rating of Mass Timber"; **(8)** adding a new Section 1007.1.2.1, "Interlocking Stairs When Allowed As Separate Exits With Three or More Exits or Exit Access Doorways"; **(9)** adding a new Section 1604.11, "Seismic Systems of Types IV A, B, C and HT"; **(10)** adding a new Section 1705.5.3, "Mass Timber Construction"; **(11)** adding a new Table 1705.5.5.3, "Required Special Inspections of Mass Timber Construction"; **(12)** adding a new Section 1705.19, "Sealing of Mass Timber"; **(13)** adding a new Section 2303.1.14, "Structural Glued Cross-Laminated Timber"; **(14)** adding a new Section 2304.10.8, "Connection Fire-Resistance Rating"; **(15)** adding a new Table 2304.11, "Minimum Dimensions of Heavy Timber Structural Members"; **(16)** adding a new Section 3314, "Fire Watch During Construction"; **(17)** adding a new Section 3315, "Noncombustible Construction for Exposure Protection"; **(18)** adding a new Section 3316, "Fire-Resistance-Rated Construction Inventory"; **(19)** providing a penalty not to exceed \$2,000.00; **(20)** providing a saving clause; **(21)** providing a severability clause; and **(22)** providing an effective date - Financing: No cost consideration to the City (see Fiscal Information)

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BACKGROUND

The 2021 Recommended Regional Amendments were approved for distribution by the North Central Texas Council of Governments Executive Board at their July 22, 2021 and October 28, 2021 meetings. The Mass Timber Buildings provisions were included in this process.

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On October 19, 2021, the Building Inspection Advisory, Examining and Appeals Board reviewed and recommended adoption of the 2021 International Existing Building Code.

FISCAL INFORMATION

No cost consideration to the City; ordinance enforcement of \$2,000.00 penalty may generate additional revenues to the City.