

5-2-22

ORDINANCE NO. 32201

An ordinance amending Chapter 58, "Dallas Existing Building Code," of the Dallas City Code, as amended; adopting with certain changes the 2021 Edition of the International Existing Building Code of the International Code Council, Inc.; regulating and governing the repair, alteration, change, addition, and relocation of existing buildings, including historic buildings; providing a penalty not to exceed \$2,000; providing a saving clause; providing a severability clause; and providing an effective date.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

SECTION 1. That Chapter 58, "Dallas Existing Building Code," of the Dallas City Code, as amended, is amended by adopting the 2021 Edition of the International Existing Building Code of the International Code Council, Inc. (which is attached as Exhibit A and made a part of this ordinance), with the following amendments:

1. Subsection [A] 101.1, "Title," of Section 101, "Scope and General Requirements," of Part 1, "Scope and Application," of Chapter 1, "Scope and Administration," of the 2021 International Existing Building Code is amended to read as follows:

"[A] 101.1 Title. These regulations shall be known as the *Dallas Existing Building Code* [~~of [NAME OF JURISDICTION]~~], hereinafter referred to as "this code." Except as otherwise specified in this chapter, all provisions of Chapter 52, "Administrative Procedures for the Construction Codes," of the *Dallas City Code* apply to this code."

2. Paragraph [A] 101.4.2, “Buildings Previously Occupied,” of Subsection [A] 101.4, “Applicability,” of Section 101, “Scope and General Requirements,” of Part 1, “Scope and Application,” of Chapter 1, “Scope and Administration,” of the 2021 International Existing Building Code is amended to read as follows:

“[A] 101.4.2 Buildings previously occupied. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *Dallas [International] Fire Code*, or Chapter 27, “Minimum Property Standards,” of the *Dallas City [International Property Maintenance] Code*, or as is deemed necessary by the *code official* for the general safety and welfare of the occupants and the public.

101.4.2.1 Limit on new buildings undergoing a change of use. Buildings that have been occupied for their originally intended use for less than one year shall be required to comply with the requirements of the construction codes for new construction for the proposed use.

3. Section 102, “Applicability,” Section 103, “Code Compliance Agency,” Section 104, “Duties and Powers of Code Official,” Section 105, “Permits,” Section 106, “Construction Documents,” Section 107, “Temporary Structures,” Section 108, “Fees,” Section 109, “Inspections,” Section 110, “Certificate of Occupancy,” Section 111, “Service Utilities,” Section 112, “Means of Appeals,” Section 113, “Violations,” Section 114, “Stop Work Order,” Section 115, “Unsafe Structures and Equipment,” Section 116, “Emergency Measures,” and Section 117, “Demolition,” of Chapter 1, “Scope and Administration,” of the 2021 International Existing Building Code are deleted.

4. Subsection 201.3, “Terms Defined in Other Codes,” of Section 201, “General,” of Chapter 2, “Definitions,” of the 2021 International Existing Building Code is amended to read as follows:

“201.3 Terms defined in other codes. Where terms are not defined in this code and are defined in other construction [International] c[€]odes, such terms shall have the meanings ascribed to them in those codes.”

5. Section 202, “General Definitions,” of Chapter 2, “Definitions,” of the 2021 International Existing Building Code is amended by adding, amending, or deleting the following definition in alphabetical order to read as follows:

“[A] **ADDITION.** An extension or increase in building area, aggregate floor area, number of stories, or height of a building or structure.

[A] **ALTERATION.** Any construction or renovation to an *existing structure* other than a *repair or addition.* An alternation may be viewed under any one of the three compliance methods listed in Section 301 of this code.

ALTERATION—LEVEL 1. This term when used in Chapter 6 of this codes shall be synonymous with “Renovation.”

ALTERATION—LEVEL 2. This term when used in Chapter 6 of this code shall be synonymous with “Alteration.”

ALTERATION-LEVEL 3. This term when used in Chapter 6 of this code shall be synonymous with “Reconstruction.”

CHARACTER-DEFINING FEATURE. A term as established by the Secretary of the Interior’s Standards for Rehabilitation and includes those important architectural materials or features that constitute the building’s historic significance as determined by the State Historic Preservation Officer or the local Landmark Commission. Character-defining features may include a historic building’s shape, materials, features, craftsmanship, decorative details, interior spaces and features, as well as its site environment.

CONSTRUCTION CODES. Refers to the *Dallas Building Code*, Chapter 53 of the *Dallas City Code*; the *Dallas Plumbing Code*, Chapter 54 of the *Dallas City Code*; the *Dallas Mechanical Code*, Chapter 55 of the *Dallas City Code*; the *Dallas Electrical Code*, Chapter 56 of the *Dallas City Code*; the *Dallas One- and Two-Family Dwelling Code*, Chapter 57 of the *Dallas City Code*; the *Dallas Energy Conservation Code*, Chapter 59 of the *Dallas City Code*; the *Dallas Fuel Gas Code*, Chapter 60 of the *Dallas City Code*; the *Dallas Green Construction Code*, Chapter 61 of the *Dallas City Code*; and the *Dallas Swimming Pool and Spa Code*, Chapter 62 of the *Dallas City Code*.

[~~A~~] **EXISTING BUILDING.** Any [A] building or structure that has been erected and legally occupied (excluding buildings occupied pursuant to a temporary certificate of occupancy). Buildings that have been occupied for their originally intended use for less than one year shall be required to comply with the requirements of the construction codes for new construction for the proposed use [prior to the date of adoption of the appropriate code, or one for which a legal building permit has been issued].

[A] **EXISTING STRUCTURE.** A structure erected prior to the date of adoption of the current Dallas [appropriate] codes for new construction, or one for which a legal building permit has been issued.

FIRE RESISTANCE RATING. The period of time a building element, component or assembly maintains the ability to confine a fire, continues to perform a given structural function, or both, as determined by the tests, or the methods based on tests, prescribed in Section 703 of the Dallas Building Code. The fire resistance rating of existing building assemblies which have not been rated in accordance with Section 703 of the Dallas Building Code shall be determined in accordance with the procedures set forth in Guidelines on Fire Ratings of Archaic Materials and Assemblies, published in this code as Resource A.

[A] **HISTORIC BUILDING.** Any building or structure that is one or more of the following:

1. Listed [~~or certified as eligible for listing,~~] by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places, in the National Register of Historic Places.
2. Designated or initiated for designation as historic under an applicable state or local law.
3. Certified as a contributing resource within a National Register, state designated or locally designated historic district.
4. Certified as eligible for listing, by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places, in the National Register of Historic Places either individually or as a contributing building to a historic district by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places.

MEANS OF SUBMITTAL. An ideal processing path involving the submission of any of the minimum documents from the first form of an application for a permit to construct or occupy a building or structure to the end user's occupancy or use of the building or structure. The means of submittal consists of seven separate and distinct parts: the intake, the prescreen, the code review, the code approval, the permit issuance, inspections and the certificate of occupancy issuance. The minimum actions, plans and documents needed to satisfy each of the seven parts are often not necessarily be the same.

NONREGISTERED PROFESSIONAL IN RESPONSIBLE CHARGE. A nonregistered professional engaged by the owner or the owner's authorized agent to review and coordinate certain aspects of the project, as determined by the code official, for compatibility with the design of the building or structure, including submittal documents prepared by others, deferred submittal documents and phased submittal documents. These responsibilities include the review of the means of submittal for compliance with the construction codes prior to each submission to the building official.

RECONSTRUCTION. Refers to a Chapter 6, Alteration-Level 3 of this code. This scope of work shall not include projects comprised only of floor finish replacement, painting or wallpapering, or the replacement of equipment or furnishings. Asbestos hazard abatement and lead hazard abatement projects shall not be classified as reconstruction solely because occupancy of the work area is not permitted.

RENOVATION. Refers to a Chapter 6, Alteration-Level 1 of this code.

[BS] SUBSTANTIAL DAMAGE. For the purpose of determining compliance with the flood provisions of this code, the definition of Section 51A-5.101 of the Dallas Development Code shall apply [~~damage of any origin sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred~~].

[BS] SUBSTANTIAL IMPROVEMENT. For the purpose of determining compliance with the flood provisions of this code, the definition of Section 51A-5.101 of the Dallas Development Code shall apply. [~~any repair, alteration, addition, or improvement of a building or structure, the cost of which equals or exceeds 50 percent of the market value of the structure, before the improvement or repair is started. If the structure has sustained substantial damage, any repairs are considered substantial improvement regardless of the actual repair work performed. The term does not, however, include either of the following:~~

1. ~~Any project for improvement of a building required to correct existing health, sanitary, or safety code violations identified by the code official and that is the minimum necessary to ensure safe living conditions.~~
2. ~~Any alteration of a historic structure, provided that the alteration will not preclude the structure's continued designation as a historic structure.]~~

TENANCY. An entire building or that portion of a building or story which is or is intended to be under the control of a single owner or tenant."

6. Subsection 301.1, "Applicability," of Section 301, "Administration," of Chapter 3, "Provisions For All Compliance Methods," of the 2021 International Existing Building Code is amended by adding a new Paragraph 301.1.2, "Relation to Construction Codes," to read as follows:

"301.1.2 Relation to construction codes. Where the building currently exceeds the requirements of this code, the extent to which it exceeds shall not be reduced unless the building also exceeds the requirements of the corresponding construction code of the *Dallas City Code*. In this case, the extent of compliance with the basic requirements may be reduced, but not below the requirements of the corresponding construction code of the *Dallas City Code*.

301.1.2.1 Conformance. The work of any compliance method shall not make the building less conforming with the building, plumbing, mechanical, electrical or fire codes of the jurisdiction, or with alternative materials, design and methods of construction or any previously approved plans, modifications, alternate methods or compliance alternatives, than it was before the repair was undertaken.”

7. Section 302, “General Provisions,” of Chapter 3, “Provisions For All Compliance Methods,” of the 2021 International Existing Building Code is amended to read as follows:

**“SECTION 302
GENERAL PROVISIONS**

302.1 Dangerous conditions. The *code official* shall have the authority to require the elimination of conditions deemed *dangerous*.

302.2 Additional codes. *Alterations, repairs, additions and changes of occupancy* to, or relocation of, *existing buildings* and structures shall comply with the provisions for *alterations, repairs, additions, and changes of occupancy* or relocation, respectively, in this code and the Dallas [International] Energy Conservation Code, Dallas [International] Fire Code, Dallas [International] Fuel Gas Code, Dallas [International] Mechanical Code, Dallas [International] Plumbing Code, Dallas [International] Private Sewage Disposal Code, International Property Maintenance Code, International Residential Code, Dallas Green Construction Code, Dallas Swimming Pool and Spa Code and Dallas Electrical Code [NFPA-70]. Where provisions of the other codes conflict with provisions of this code, the provisions of this code shall take precedence.

302.2.1 Additional codes in health care. In existing Group I-2 occupancies, ambulatory health care *facilities*, outpatient clinics and hyperbaric *facilities*, *alterations, repairs, additions and changes of occupancy* to, or relocation of, *existing buildings* and structures shall also comply with NFPA 99.

302.3 Existing materials. Materials already in use in a building in compliance with requirements or approvals in effect at the time of their erection or installation shall be permitted to remain in use unless determined by the code official to be *unsafe*.

302.3.1 Existing fire escapes. When an existing fire escape is permitted by this code, an inspection by a State of Texas registered structural engineer shall be performed on the fire escape. The inspection shall be performed not more than one year from the date of permit application. An engineer’s report and drawings based on the required inspection must be submitted for each existing fire escape.

302.4 New and replacement materials. Except as otherwise required or permitted by this code, materials permitted by the applicable code for new construction shall be used. Like materials shall be permitted for *repairs and alterations*, provided that *unsafe* conditions are not created. Hazardous materials shall not be used where the code for new construction would not permit their use in buildings of similar occupancy, purpose and location.

[BS]302.4.1 New structural members and connections. New structural members and connections shall comply with the detailing provisions of the *Dallas [International] Building Code* for new buildings of similar structure, purpose and location.

Exception: Where alternative design criteria are specifically permitted.

302.4.2 Reroofing. The installation or replacement of wood shingle or wood shake roofs must be as required for new installations.

302.5 Occupancy and use. Where determining the appropriate application of the referenced sections of this code, the occupancy and use of a building shall be determined in accordance with Chapter 3 of the *Dallas [International] Building Code*.”

8. Subsection 306.1, “Scope,” of Section 306, “Accessibility For Existing Buildings,” of Chapter 3, “Provisions For All Compliance Methods,” of the 2021 International Existing Building Code is amended to read as follows:

“306.1 Scope. The provisions of Sections 306.1 through 306.7.16 apply to the maintenance and repair, change of occupancy, additions and alterations to existing buildings, including those identified as *historic buildings*.

Exception: Components of projects regulated by and registered with the Architectural Barriers Division of the Texas Department of Licensing and Regulation shall be deemed to be in compliance with the requirements of this section.”

9. Subsection 306.2, “Scope,” of Section 306, “Accessibility For Existing Buildings,” of Chapter 3, “Provisions For All Compliance Methods,” of the 2021 International Existing Building Code is amended to read as follows:

“306.2 Design. Buildings and *facilities* shall be designed and constructed to be accessible in accordance with this code and the *alteration* and *existing building* provisions in ICC A117.1, as applicable.

Exception: Compliance with this code and ICC A117.1 or the Texas Accessibility Standards must be chosen to satisfy the requirements of this section for projects with a cost of less than \$50,000. The TAS option must be reviewed and inspected by a registered accessibility specialist with a compliance inspection report provided to the building official.”

10. Subsection [BS] 401.3, "Flood Hazard Areas," of Section 401, "General," of Chapter 4, "Repairs," of the 2021 International Existing Building Code is amended to read as follows:

[BS] 401.3 Flood hazard areas. In flood hazard areas, ~~[repairs that constitute substantial improvements, if allowed by the Dallas Development Code,~~ shall require that the building comply with Article V, "Flood Plain Regulations," [Section 1612] of the Dallas Development [International Building] Code~~[, or Section R322 of the International Residential Code, as applicable].~~"

11. Subsection 402.1, "Glazing In Hazardous Locations," of Section 402, "Building Elements and Materials," of Chapter 4, "Repairs," of the 2021 International Existing Building Code is amended to read as follows:

"402.1 Glazing in hazardous locations. Replacement glazing in hazardous locations shall comply with the safety glazing requirements of the Dallas [International] Building Code or Dallas One- and Two-Family Dwelling [International Residential] Code as applicable.

Exception: Glass block walls;² louvered windows;² textured glass; decorative, leaded, curved, structural pigmented glass; beveled glass; and jalousies may be repaired with like materials."

12. Paragraph [BS] 405.2.6, "Flood Hazard Areas," of Subsection [BS] 405.2, "Repairs to Damaged Buildings," of Section 405, "Structural," of Chapter 4, "Repairs," of the 2021 International Existing Building Code is amended to read as follows:

"[BS] 405.2.6 Flood hazard areas. In *flood hazard* areas, buildings that have sustained *substantial damage* shall be brought into compliance with Section 1612 of the Dallas [International] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [International Residential] Code, as applicable.

Exception: Buildings and structures constructed and elevated as required by floodplain regulations in Article V of the Dallas Development Code."

13. Subsection 406.1, "Material," of Section 406, "Electrical," of Chapter 4, "Repairs," of the 2021 International Existing Building Code is amended to read as follows:

"406.1 Material. Existing electrical wiring and equipment undergoing *repair* shall be allowed to be repaired or replaced with like material in accordance with the requirements of NFPA 70.

406.1.1 Receptacles. Replacement of electrical receptacles shall comply with the applicable requirements of Section 406.4(D) of NFPA 70.

406.1.2 Plug fuses. Plug fuses of the Edison-base type shall be used for replacements only where there is not evidence of over fusing or tampering per applicable requirements of Section 240.5(B) of NFPA 70.

406.1.3 Nongrounding-type receptacles. For replacement of nongrounding-type receptacles with grounding-type receptacles and for branch circuits that do not have an equipment grounding conductor in the branch circuitry, the grounding conductor of a grounding-type receptacle outlet shall be permitted to be grounded to any accessible point on the grounding electrode conductor in accordance with Section 250.130(C) of NFPA 70.

406.1.4 Health care facilities. Portions of electrical systems being repaired in Group I-2, ambulatory care *facilities* and outpatient clinics shall comply with NFPA 99 requirements for *repairs*.

406.1.5 Grounding of appliances. Frames of electric ranges, wall-mounted ovens, counter-mounted cooking units, clothes dryers and outlet or junction boxes that are part of the existing branch circuit for these appliances shall be permitted to be grounded to the grounded circuit conductor in accordance with Section 250.140 of NFPA 70.”

14. Subsection [BS] 502.3, “Flood Hazard Areas,” of Section 502, “Additions,” of Chapter 5, “Prescriptive Compliance Method,” of the 2021 International Existing Building Code is amended to read as follows:

“[BS] 502.3 **Flood hazard areas.** For buildings and structures in *flood hazard areas* established in Section 1612.3 of the Dallas [~~International~~] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [~~International-Residential~~] Code, as applicable, any *addition* that constitutes *substantial improvement* of the *existing structure* shall comply with the flood design requirements for new construction, and all aspects of the *existing structure* shall be brought into compliance with the requirements for new construction for flood design.

Exception: Buildings and structures constructed and elevated as required by floodplain regulations in Article V of the Dallas Development Code.

For buildings and structures in *flood hazard areas* established in Section 1612.3 of the Dallas [~~International~~] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [~~International-Residential~~] Code, as applicable, any *additions* that do not constitute *substantial improvement* of the *existing structure* are not required to comply with the flood design requirements for new construction.”

15. Subsection [BS] 503.2, “Flood Hazard Areas,” of Section 503, “Alterations,” of Chapter 5, “Prescriptive Compliance Method,” of the 2021 International Existing Building Code is amended to read as follows:

[BS] 503.2 Flood hazard areas. For buildings and structures in *flood hazard areas* established in Section 1612.3 of the Dallas [International] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [International-Residential] Code, as applicable, any *alteration* that constitutes *substantial improvement* of the *existing structure* shall comply with the flood design requirements for new construction, and all aspects of the *existing structure* shall be brought into compliance with the requirements for new construction for flood design.

Exception: Buildings and structures constructed and elevated as required by floodplain regulations in Article V of the Dallas Development Code.

For buildings and structures in *flood hazard areas* established in Section 1612.3 of the Dallas [International] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [International-Residential] Code, as applicable, any *alterations* that do not constitute *substantial improvement* of the *existing structure* are not required to comply with the flood design requirements for new construction.”

16. Subsection 503.16, “Enhanced Classroom Acoustics,” of Section 503, “Alterations,” of Chapter 5, “Prescriptive Compliance Method,” of the 2021 International Existing Building Code is amended to read as follows:

503.16 Enhanced classroom acoustics. In Group E occupancies, where the *work area* exceeds 50 percent of the building area, enhanced classroom acoustics shall be provided in all classrooms with a volume of 20,000 cubic feet (565 m³) or less. Enhanced classroom acoustics shall comply with the reverberation time in Section 808 of ICC A117.1. Compliance with the Texas Accessibility Standards is not considered equivalent compliance for the purpose of enforcement of this code section.”

17. Paragraph [BE] 504.1.2, “Existing Fire Escapes,” of Subsection [BE] 504.1, “Where Permitted,” of Section 504, “Fire Escapes,” of Chapter 5, “Prescriptive Compliance Method,” of the 2021 International Existing Building Code is amended to read as follows:

[BE]504.1.2 Existing fire escapes. Existing fire escapes shall continue to be accepted as a component in the means of egress in *existing buildings* only. Existing fire escapes shall be permitted to be repaired or replaced.”

18. Subsection [BE] 504.4, “Dimensions,” of Section 504, “Fire Escapes,” of Chapter 5, “Prescriptive Compliance Method,” of the 2021 International Existing Building Code is amended to read as follows:

[BE]504.4 Dimensions. Stairways of the fire escape shall be not less than 22 inches (559 mm) wide with risers not more than, and treads not less than, 8 inches (203 mm) and landings at the foot of stairways not less than 40 inches (1016 mm) wide by 36 inches (914 mm) long, located not more than 8 inches (203 mm) below the door.”

19. Section 601, “General,” of Chapter 6, “Classification of Work,” of the 2021 International Existing Building Code is amended by adding a new Subsection 601.3, “Conformance,” to read as follows:

601.3 Conformance. The work shall not make the building less conforming with the building, plumbing, mechanical, electrical or fire codes of the jurisdiction, or with alternative materials, design and methods of construction or any previously approved plans, modifications, alternate methods or compliance alternatives, than it was before the work was undertaken.”

20. Section 603, “Alteration—Level 2,” of Chapter 6, “Classification of Work,” of the 2021 International Existing Building Code is amended to read as follows:

**“SECTION 603
ALTERATION—LEVEL 2**

603.1 Scope. Level 2 *alterations* include the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment, and shall apply where the *work area* is equal to or less than 50 percent of the building area.

Exception: The movement or addition of nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height shall not be considered a Level 2 *alteration*.

603.2 Application. Level 2 *alterations* shall comply with the provisions of Chapter 7 for Level 1 *alterations* as well as the provisions of Chapter 8.

603.2.1 Supplemental requirements. The supplemental requirements shall be met in all buildings where there are Alteration—Level 2 projects that meet or exceed the stated scoping threshold requirements.

603.2.2 Limit application. If a project is less than any scoping threshold number, the entire use, primary function space or tenancy by a de minimis amount, the building official may designate the project a Level 2 alteration and require that the requirements of this section be met.

603.2.3 Phased application. If work performed or to be performed in phases is so extensive that the project would be classified as a Level 2 alteration if the work were performed at one time, the building official may designate the project a Level 2 alteration and require that the requirements of this section be met. All applications for rehabilitation work submitted within a 12-month period of the issued permit shall be considered in determining the applicability of the Level 2 alteration provisions.”

21. Subsection 604.2, “Application,” of Section 604, “Alteration—Level 3,” of Chapter 6, “Classification of Work,” of the 2021 International Existing Building Code is amended to read as follows:

“604.2 Application. Level 3 alterations shall comply with the provisions of Chapters 7 and 8 for Level 1 and 2 alterations, respectively, as well as the provisions of Chapter 9.

604.2.1 Limit applications. If a project is less than any scoping threshold number, the entire use, primary function space or tenancy by a de minimis amount, the building official may designate the project a Level 3 alteration and require that the requirements of this section be met.

604.2.2 Phased applications. If work performed or to be performed in phases is so extensive that the project would be classified as a Level 3 alteration if the work were performed at one time, the building official may designate the project a Level 3 alteration and require that the requirements of this section be met. All applications for rehabilitation work submitted within a 12-month period of the issued permit shall be considered in determining the applicability of the Level 3 alteration provisions.”

22. Chapter 6, “Classification of Work,” of the 2021 International Existing Building Code is amended by adding a new Section 608, “Damaged Buildings,” to read as follows:

“SECTION 608 DAMAGED BUILDINGS

608.1 Classification of damaged buildings. Structures that have been damaged, including by fire, shall be classified in a category (Alteration-Level 1, Alteration-Level 2, Alteration-Level 3 or Addition) or categories commensurate with the level of damage.”

23. Subsection [BS] 701.3, “Flood Hazard Areas,” of Section 701, “General,” of Chapter 7, “Alterations—Level 1,” of the 2021 International Existing Building Code is amended to read as follows:

“[BS] 701.3 Flood hazard areas. *In flood hazard areas, alterations that constitute substantial improvement shall require that the building comply with Section 1612 of the Dallas [International] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [International-Residential] Code, as applicable.*

Exception: *Buildings and structures constructed and elevated as required by floodplain regulations in Article V of the Dallas Development Code.*”

24. Subsection 702.7, “Materials and Methods,” of Section 702, “Building Elements and Materials,” of Chapter 7, “Alterations—Level 1,” of the 2021 International Existing Building Code is amended to read as follows:

“702.7 Materials and methods. *New work shall comply with the materials and methods requirements in the Dallas [International] Building Code, Dallas [International] Energy Conservation Code, Dallas [International] Mechanical Code, Dallas One- and Two-Family Dwelling Code, Dallas Fuel Gas Code, Dallas Electrical Code and Dallas [International] Plumbing Code, as applicable, that specify material standards, detail of installation and connection, joints, penetrations and continuity of any element, component or system in the building.*

Exceptions:

1. The requirements of Section 702.7.1 through 702.7.6 shall be met for materials and installation methods for all items that are part of the applicant’s proposed project as listed below other than repair as defined in Chapter 2 of this code.
2. Where sections listed below reference other sections not listed below, those sections shall apply within that limited context.

[{FG}] 702.7.1 Building and fire protection materials and methods. The following sections of the Dallas Building Code shall constitute the building and fire protection materials and methods requirements for Level 1 alterations.

1. The following subsections of Chapter 5, entitled “General Building Height and Areas”:
 - 1.1. Section 505 shall apply to newly constructed “Mezzanines.”

2. The following subsections of Chapter 7, entitled “Fire and Smoke Protection Features”:
 - 2.1. The following subsections of Section 703, entitled “Fire-Resistance Ratings and Fire Tests”:
 - 2.1.1. Section 703.2, “Fire-Resistance Ratings” (Fire-resistance, 2021 ed.);
 - 2.1.2. Section 703.3, “Methods For Determining Fire Resistance” (Section 703.2, Fire Resistance, 2021 ed.);
 - 2.1.3. Section 703.4, “Automatic Sprinklers” (Section 703.2, Fire Resistance, 2021 ed.);
 - 2.1.4. Section 703.5, “Noncombustibility Tests’ (Section 703.3, 2021 ed.); and
 - 2.1.5. Section 703.6, “Fire-Resistance Rated Glazing” (Section 703.4, 2021 ed.).
 - 2.2. The following subsections of Section 705, entitled “Exterior Walls”:
 - 2.2.1. Section 705.2.1, “Types I and II Construction”;
 - 2.2.2. Section 705.2.2, “Types III, IV and V construction”;
 - 2.2.3. Section 705.2.3, “Combustible Projections” (Projection Protection, 2021 ed.); and
 - 2.2.4. Section 705.4, “Materials.”
 - 2.3. The following subsections of Section 706, entitled “Fire Walls”:
 - 2.3.1. Section 706.2, “Structural Stability”;
 - 2.3.2. Section 706.3, “Materials.”
 - 2.4. The following subsections of Section 707, entitled “Fire Barriers”:
 - 2.4.1. Section 707.2, “Materials”; and
 - 2.4.2. Section 707.9, “Voids At Intersections.”
 - 2.5. The following subsections of Section 708, entitled “Fire Partitions”:

- 2.5.1. Section 708.2, "Materials."
- 2.6. The following subsections of Sections 709, entitled "Smoke Barriers":
 - 2.6.1. Section 709.2, "Materials."
- 2.7. The following subsections of Sections 710, entitled "Smoke Partitions":
 - 2.7.1. Section 710.2, "Materials";
 - 2.7.2. Section 710.5, "Openings";
 - 2.7.3. Section 710.6, "Penetrations";
 - 2.7.4. Section 710.7, "Joints"; and
 - 2.7.5. Section 710.8, "Duct and Air Transfer Openings."
- 2.8. The following subsections of Section 711, entitled "Floor and Roof Assemblies":
 - 2.8.1. Section 711.2.1, "Materials";
 - 2.8.2. Section 711.3.1, "Materials."
- 2.9. The following subsections of Section 712, entitled "Vertical Openings":
 - 2.9.1. Section 712.1.3, "Escalator Openings."
- 2.10. The following subsections of Section 713, entitled "Shaft Enclosures":
 - 2.10.1. Section 713.3, "Materials."
- 2.11. All of Section 714, entitled "Penetrations" except that the rating requirement of Section 714.4.1.2, "Through-Penetration Firestop System," does not apply.
- 2.12. All of Section 715, entitled "Fire-Resistant Joint Systems" (Joints and Voids, 2021, ed.).
- 2.13. All of Section 716, entitled "Opening Protectives."

- 2.14. All of Section 717, "Ducts and Air Transfer Openings."
- 2.15. The following subsections of Section 718, entitled "Concealed Spaces":
 - 2.15.1. Section 718.2.1, "Fireblocking Materials"; and
 - 2.15.2. Section 718.3.1, "Draftstopping Materials."
- 2.16. All of Section 719, entitled "Fire-Resistance Requirements for Plaster."
- 2.17. All of Section 720, "Thermal- and Sound-Insulating Materials."
- 2.18. All of Section 721, "Prescriptive Fire Resistance."
- 2.19. All of Section 722, "Calculated Fire Resistance."
- 3. All of Chapter 8, entitled "Interior Finishes."
- 4. All of Chapter 9, entitled "Fire Protection Systems" (Fire Protection and Life Safety Systems, 2021 ed.), except:
 - 4.1. Section 903.2, "Where Required."
 - 4.2. Section 904.2, "Where Permitted."
 - 4.3. Section 905.3, "Required Installations."
 - 4.4. Section 906.1, entitled "Where Required."
 - 4.5. Section 907.2, entitled "Where Required-New Buildings and Structures."
 - 4.6. All of Section 908, entitled "Emergency Alarm Systems."
 - 4.7. Section 910.2, entitled "Where Required."
 - 4.8. All of Section 911, entitled "Fire Command Center."
 - 4.9. Section 918.1, entitled "General."
- 5. The following subsections of Chapter 10 entitled, 'Means of Egress':
 - 5.1. Section 1010.1.4.1 (Section 1010.3.1, 2021 ed.), "Revolving Doors."

- 5.2. Section 1010.1.4.2 (Section 1010.3.2, 2021 ed.), "Power-Operated Doors";
- 5.3. Section 1010.1.4.3 (Section 1010.3.3, 2021 ed.), "Special Purpose Horizontal Sliding, Accordion or Folding Doors";
- 5.4. Section 1010.1.4.5 (Section 1010.3.4, 2021 ed.), "Security Grilles";
- 5.5. Section 1010.1.9 (Section 1010.2, 2021 ed.), "Door Operations";
- 5.6. Section 1010.1.10.1 (Section 1010.2.9.3, 2021 ed.), "Installation."
- 5.7. Section 1010.1.10.2, "Balanced Doors";
- 5.8. Section 1013.3, "Illumination";
- 5.9. Section 1013.5, "Internally Illuminated Exit Signs";
- 5.10. Section 1013.6.1, "Graphics";
- 5.11. Section 1013.6.3, "Power Source";
- 5.12. Section 1015.8.1, "Window Opening Control Devices; Guards";
- 5.13. Section 1025.4, "Self-Luminous and Photoluminescent; Luminous Egress Path Markings";
- 5.14. Section 1025.5, "Illumination";
6. The following subsections of Chapter 12 entitled, "Interior Environment":
 - 6.1. Section 1202.5.2, "Contaminants Exhausted" shall apply to new sources of contaminants; and
 - 6.2. Section 1209 (Section 1210, 2021 ed.), "Toilet and Bathroom Requirements."
7. All of Chapter 14, entitled "Exterior Walls," except:
 - 7.1. Section 1401, "General";
 - 7.2. Section 1402.2, "Weather Protection."
 - 7.3. Section 1402.3, "Structural."

- 7.4. Section 1402.4, "Fire Resistance."
8. All of Chapter 15, entitled "Roof Assemblies and Rooftop Structures," except:
- 8.1. Section 1501, "General";
- 8.2. Section 1502, "Roof Drainage";
- 8.3. Section 1503.4, "Attic and Rafter Ventilation"; and
- 8.4. Section 1510.9 (Section 1511.8, 2021 ed.), "Structural Fire Resistance."
9. All of Chapter 16, entitled "Structural Design," shall apply to new or replaced structural members. The following referenced sections of Chapter 16 shall not be used to analyze any existing structural members, except as otherwise provided by the *Dallas Existing Building Code*:
- 9.1. Section 1601, "General";
- 9.2. Section 1604, "General Design Requirements";
- 9.3. Section 1608, "Snow Loads";
- 9.4. Section 1609, "Wind Loads";
- 9.5. Section 1610, "Soil Lateral Load" (Soil Loads and Hydrostatic Pressure, 2021 ed.);
- 9.6. Section 1611, "Rain Loads";
- 9.7. Section 1612, "Flood Loads";
- 9.8. Section 1613, "Earthquake Loads";
- 9.9. Section 1614, "Atmospheric Ice Loads"; and
- 9.10. Section 1616, "Structural Integrity."
10. All of Chapter 18, entitled "Soils and Foundations," except:
- 10.1. Section 1801, "General";
- 10.2. Section 1802, "Design Basis";

- 10.3. Section 1803, "Geotechnical Investigations";
- 10.4. Section 1804, "Excavation, Grading and Fill";
- 10.5. Section 1805, "Dampproofing and Waterproofing."
 - 10.5.1. Additionally, the following subsections of Section 1805, "Dampproofing and Waterproofing," shall be included as part of Materials and Methods:
 - 10.5.1.1. Section 1805.2.1, "Floors";
 - 10.5.1.2. Section 1805.2.2, "Walls";
 - 10.5.1.3. Section 1805.3.1, "Floors";
 - 10.5.1.4. Section 1805.3.2, "Walls";
 - 10.5.1.5. Section 1805.3.3, "Joints and Penetrations";
 - 10.5.1.6. Section 1805.4.1, "Floor Base Course";
 - 10.5.1.7. Section 1805.4.2, "Foundation Drain"; and
 - 10.5.1.8. Section 1805.4.3, "Drainage Discharge."
- 10.6. Section 1806, "Presumptive Load-Bearing Values of Soils."
- 11. All of Chapter 19, entitled "Concrete," except:
 - 11.1. Section 1901, "General"; and
 - 11.2. Section 1902, "Definitions" (Coordination of Terminology, 2021 ed.).
- 12. All of Chapter 20, entitled "Aluminum."
- 13. All of Chapter 21, entitled "Masonry," except:
 - 13.1. Section 2101, "General"; and
 - 13.2. Section 2102, "Notations."
- 14. All of Chapter 22, entitled "Steel" except:
 - 14.1. Section 2201, "General."

15. All of Chapter 23, entitled "Wood," except:
 - 15.1. Section 2301.1, "Scope."
16. All of Chapter 24, entitled "Glass and Glazing," except:
 - 16.1. Section 2401, "General."
17. All of Chapter 25, entitled "Gypsum Board and Plaster," except:
 - 17.1. Section 2501.1, "Scope"; and
 - 17.2. Section 2502, "Performance."
18. All of Chapter 26, entitled "Plastic," except:
 - 18.1. Section 2601, "General."
19. All of Chapter 30, entitled "Elevators and Conveying Systems."
20. The following subsections of Chapter 31 entitled, "Special Construction":
 - 20.1. Section 3105, "Awnings and Canopies";
 - 20.2. Section 3106.3, "Roof Construction";
 - 20.3. Section 3107 "Signs";
 - 20.4. Section 3109 "Swimming Pool Enclosures and Safety Devices"; and
 - 20.5. Section 3110 "Automatic Vehicular Gates."

702.7.2 Plumbing materials and methods. The following sections of the *Dallas Plumbing Code* shall constitute the plumbing materials and methods requirements for Level 1 alterations.

1. All of Chapter 3, entitled "General Regulations";
2. All of Chapter 4, entitled "Fixtures, Faucets and Fixture Fittings" except:
 - 2.1. Section 403, "Minimum Plumbing Facilities"; and
 - 2.2. Table 403.1 unless otherwise specifically referenced.
3. All of Chapter 5, entitled "Water Heaters";

4. All of Chapter 6, entitled “Water Supply and Distribution” except:
- 4.1. The following subsection of Section 602, entitled “Water Required”:
- 4.1.1. Section 602.1, ‘General.’
- 4.2. The following subsections of Section 604, entitled “Design of Building Water Distribution System”:
- 4.2.1. Section 604.3, “Water Distribution System Design Criteria”;
- 4.2.2. Table 604.3.
- 4.2.3. Section 604.4, “Maximum Flow and Water Consumption”;
- 4.2.4. Table 604.4.
- 4.2.5. Section 604.5, “Size of Fixture Supply”;
- 4.2.6. Table 604.5.
- 4.2.7. Section 604.7, “Inadequate Water Pressure”;
- 4.2.8. Section 604.10, “Gridded and Parallel Water Distribution System Manifolds.”
- 4.2.9. Table 604.10.1.
- 4.3. The following Subsection of Section 606, entitled, “Installation of the Building Water Distribution System”:
- 4.3.1. Section 606.5.1, “Water Pressure Booster Systems Required.”

Notes:

1. Water shall be supplied to ensure that fixtures within a building are provided with an adequate supply of water so that they are functional.
2. Where pressure is insufficient for proper functioning of fixtures, Section 604.7 applies and a water pressure booster system is required.

3. Section 604 shall apply for all newly installed or completely replaced water services and for sizing water distribution systems when the proposed work will impose additional loads on the system. Where the proposed work does not increase the load, or where it decreases the load on the existing system, no increase in size shall be required. All new piping associated with the installation of additional fixtures shall comply with the sizing requirement of Chapter 6.
5. All of Chapter 7, entitled "Sanitary Drainage" except:
 - 5.1. The following subsection of Section 708, entitled "Cleanouts";
 - 5.1.1. Section 708.1.4, "Changes of Direction."
 - 5.2. Section 709, "Fixture Units";
 - 5.3. Tables 709.1 and 709.2;
 - 5.4. Section 710, "Drainage System Sizing";
 - 5.5. Tables 710.1(1) and 710.1(2).

Notes:

1. Sections 709 and 710 for sizing draining systems and sewer shall apply when the proposed work will impose additional loads on the system. Where the proposed work does not increase the load, or where it decreases the load on the existing system, no increase in size shall be required. All new piping associated with the installation of additional fixtures shall comply with the sizing requirement of Section 710.
2. Section 711 for sizing offsets in drainage systems shall apply when the proposed work will impose additional loads on the system. Where the proposed work does not increase the load, or where it decreases the load on the existing system, no increase in size shall be required.
6. All of Chapter 8, entitled "Indirect/Special Waste";
7. All of Chapter 9, entitled "Vents" except:
 - 7.1. Section 901, "General";

- 7.2. Section 904, "Outdoor Vent Extensions";
- 7.3. The following subsections of Section 905, entitled "Vent Connections and Grades":
 - 7.3.1. Section 905.4, "Vertical Rise of Vent"; and
 - 7.3.2. Section 905.5, "Height Above Fixtures."
- 7.4. Section 906, "Vent Pipe Sizing" and the following subsections:
 - 7.4.1. Section 906.4, "Multiple Branch Vents"; and
 - 7.4.2. Section 906.5, "Sump Vents."
- 7.5. Section 908, "Relief Vents—Stacks of More Than 10 Branch Intervals."
- 7.6. Section 910, "Individual Vent";
- 7.7. The following subsection of Section 915, entitled "Combination Drain and Vent System":
 - 7.7.1. Section 915.2.4, "Vent Size."

Notes:

- 1. Section 904 shall be included for locations where vent stacks are required and shall apply where new stacks are being installed.
 - 2. Section 906, requirement of size and length of vents, shall apply when new vents are being installed.
8. All of Chapter 10, entitled "Traps, Interceptors and Separators" except:
- 8.1. The following subsections of Section 1003, entitled "Interceptors and Separators":
 - 8.1.1. Section 1003.1, "Where Required";
 - 8.1.2. Section 1003.3.1 "Grease Interceptors and Automatic Grease Removal Devices Required";
 - 8.1.3. Section 1003.4, "Oil Separators Required";

- 8.1.4. Section 1003.5, "Sand Interceptors In Commercial Establishments";
 - 8.1.5. Section 1003.6, "Clothes Washer Discharge Interceptor";
 - 8.1.6. Section 1003.7, "Bottling Establishments";
 - 8.1.7. Section 1003.8, "Slaughterhouses"; and
 - 8.1.8. Section 1003.9, "Venting of Interceptors and Separators."
9. All of Chapter 11, entitled "Storm Drainage" except:
- 9.1. The following subsection of Section 1101, entitled "General":
 - 9.1.1. Section 1101.2, "Disposal."
 - 9.2. The following subsection of Section 1103, entitled "Traps":
 - 9.2.1. Section 1103.3, "Size."
 - 9.3. The following subsections of Section 1106, entitled "Size of Conductors, Leaders and Storm Drains":
 - 9.3.1. Section 1106.1, "General"; and
 - 9.3.2. Section 1106.3, "Vertical Leader Sizing."
 - 9.4. Section 1108, "Secondary (Emergency) Roof Drains"; and
 - 9.5. Section 1109, "Combined Sanitary and Storm Public Sewer."

Notes:

- 1. When storm water drains are required, Section 1101.2 shall apply only when new roofs, paved areas, yards, courts and courtyards are created.
- 2. Sections 1106.1 and 1106.3 for sizing roof drains shall apply only where additional roof area is to be drained or where other circumstances increase the load on existing roof drains. Where the proposed work does not increase or decrease the load on the existing system, no increase in size shall be required.

702.7.3 Electrical materials and methods. The following sections of the *Dallas Electrical Code* shall constitute the electrical materials and methods requirements for Level 1 alterations.

1. Section 90.7, entitled “Examination of Equipment for Safety” of the Introduction, Article 90;
2. All of Chapter 1, entitled “General” except:
 - 2.1. Section 110.8, “Wiring Methods”;
 - 2.2. Section 110.26, “Spaces About Electrical Equipment” (1000 Volts, Nominal, or Less);
 - 2.3. Section 110.32, “Work Space About Equipment” (over 1000 Volts, Nominal); and
 - 2.4. Section 110.33, “Entrance to Enclosures and Access to Working Space.”
3. Chapter 1, Section 110.32, “Work Space About Equipment” (over 1000 Volts, Nominal) shall be required for upgrading the complete system or where the voltage is increased.
4. All of Chapter 2, entitled “Wiring and Protection” except:
 - 4.1. Section 210.11, “Branch Circuits Required”;
 - 4.2. Section 210.12, “Arc-Fault Circuit-Interrupter Protection”;
 - 4.3. Section 210.52, “Dwelling Unit Receptacle Outlets”;
 - 4.4. Section 210.60, “Guest Rooms, Guest Suites, Dormitories and Similar Occupancies”;
 - 4.5. Section 210.62, “Show Windows”;
 - 4.6. Section 210.63, “Heating, Air-Conditioning, and Refrigeration Equipment Outlet”; and
 - 4.7. Section 210.70, “Lighting Outlets Required.”
5. All of Chapter 3, entitled “Wiring Methods and Materials”;
6. All of Chapter 4, entitled “Equipment for General Use” except;

- 6.1. Section 404.8, "Accessibility and Grouping" (Switches); and
- 6.2. Section 408.18, "Clearances" (Switchboards, Switchgear and Panelboards).
7. All of Chapter 5, entitled "Special Occupancies";
8. All of Chapter 6, entitled "Special Equipment";
9. All of Chapter 7, entitled "Special Conditions";
10. All of Chapter 8, entitled "Communications Systems"; and
11. Existing working clearances, clear space, access and entrance dimensions to working spaces, illumination, headroom clearances, and location of overcurrent protection devices shall be allowed to remain without modification.

702.7.4 Mechanical materials and methods. The following sections of the *Dallas Mechanical Code* shall constitute the mechanical materials and methods requirements for Level 1 alterations.

1. All of Chapter 3, entitled "General Regulations" except:
 - 1.1. The following subsections of Section 301, entitled "General":
 - 1.1.1. Section 301.2, "Energy Utilization";
 - 1.1.2. Section 301.10, "Electrical";
 - 1.1.3. Section 301.11, "Plumbing connections";
 - 1.1.4. Section 301.16, "Flood Hazard"; and
 - 1.1.5. Section 301.18, "Seismic Resistance."
 - 1.2. The following subsections of Section 303, entitled "Equipment and Appliance Location":
 - 1.2.1. Section 303.5, "Indoor Locations";
 - 1.2.2. Section 303.6, "Outdoor Locations"; and
 - 1.2.3. Section 303.7, "Pit Locations."
 - 1.3. Section 306, "Access and Service Space";

- 1.4. The following subsection of Section 307, entitled “Condensate Disposal”:
 - 1.4.1. Section 307.2.3, “Auxiliary and Secondary Drain Systems.”
- 1.5. Section 309, “Temperature Control”; and
- 1.6. Section 312, “Heating and Cooling Load Calculations.”
2. Chapter 3, Section 312, “Heating and Cooling Load Calculations” shall apply when appliance/equipment input ratings are increased/decreased.
3. All of Chapter 4, entitled “Ventilation” except:
 - 3.1. Section 402, “Natural Ventilation”;
 - 3.2. Section 403, “Mechanical Ventilation”; and
 - 3.3. Section 407, “Ambulatory Care Facilities and Group I-2 Occupancies.”
4. All of Chapter 5, entitled “Exhaust Systems” except:
 - 4.1. Section 502, “Required Systems”;
 - 4.2. Section 509, “Fire Suppression Systems”;
 - 4.3. Section 510, “Hazardous Exhaust Systems”; and
 - 4.4. Section 513, “Smoke Control Systems.”
5. Chapter 5, Section 509, “Fire Suppression Systems” shall apply to newly installed or replacement commercial food heating appliances and Type I hoods.
6. Chapter 5, Section 510, “Hazardous Exhaust Systems” shall apply to newly introduced sources of hazardous exhaust.
7. All of Chapter 6, entitled “Duct Systems” except:
 - 7.1. Section 602, “Plenums”; and
 - 7.2. Section 604, “Insulation.”

8. Section 602, "Plenums" shall apply to newly constructed plenums. Modifications to existing plenums, such as the installation of new building, electrical or plumbing material inside the plenum, increasing air flow rate within the plenum, etc. shall not require the plenum to comply with the construction requirements for new plenums. However, newly installed materials within the plenum shall be consistent with the material requirements of Section 602.
9. All of Chapter 7, entitled "Combustion Air";
10. Chapter 7, entitled "Combustion Air" shall not apply if the work being performed does not increase the input rating of the equipment;
11. All of Chapter 8, entitled "Chimneys and Vents";
12. All of Chapter 9, entitled "Specific Appliances, Fireplaces and Solid Fuel-Burning Equipment";
13. All of Chapter 10, entitled "Boilers, Water Heaters and Pressure Vessels";
14. All of Chapter 11, entitled "Refrigeration";
15. All of Chapter 12, entitled "Hydronic Piping" except Section 1204, entitled "Pipe Insulation";
16. All of Chapter 13, entitled "Fuel Oil Piping and Storage" except Section 1305.1, "Size."
17. Chapter 13, entitled "Fuel Oil Piping and Storage", Subsection 1305.1, "Size," shall apply when the work being performed increases the load on the system such that the existing pipe does not meet the size required by code. Existing systems that are modified shall not require resizing as long as the load on the system is not increased and the system length is not increased even if the altered system does not meet code minimums.
18. All of Chapter 14, entitled "Solar Thermal Systems."

702.7.5 [International] Fuel g[G] as materials and methods [Code]. The following sections of the *Dallas [International] Fuel Gas Code* shall constitute the fuel gas materials and methods requirements for Level 1 *alterations*.

1. All of Chapter 3, entitled "General Regulations," except:
 - 1.1. Section 301.2, "Energy Utilization";
 - 1.2. Section 301.6, "Plumbing Connections";

- 1.3. Section 301.11, "Flood Hazard";
- 1.4. Section 301.12, "Seismic Resistance";
- 1.5. Section[s] 303.7, "Pit Locations";
- 1.6. Section 306, "Access and Service Space."
2. Chapter 3, entitled "General Regulations," Section 304 shall not apply if the work being performed does not increase the input rating on the equipment.
3. All of Chapter 4, entitled "Gas Piping Installations," except:
 - 3.1. Section 401.8, "Minimum Sizes"; and
 - 3.2. Section 402.3, "Sizes."
4. Chapter 4, entitled "Gas Piping Installations," [~~except~~] Sections 401.8 and 402.3[-
 - 2.1. ~~Sections 401.8 and 402.3]~~ shall apply where the work being performed increases the load on the system such that existing pipe does not meet the size required by code. Existing systems that are modified shall not require resizing as long as the load on the system is not increased and the system length is not increased even if the altered system does not meet code minimums.
- 5[3]. All of Chapter 5, entitled "Chimneys and Vents."
6. Chapter 5, entitled "Chimneys and Vents," Section 503.6.10 shall apply only when the equipment being installed results in a greater output to the common venting system.
- 7[4]. All of Chapter 6, entitled "Specific Appliances."
8. All of Chapter 7, entitled "Gaseous Hydrogen Systems."

702.7.6 Residential materials and methods. The following sections of the *Dallas One- and Two-Family Dwelling Code* shall constitute the residential materials and methods requirements for rehabilitation, except repairs:

1. The following sections of Chapter 3, entitled "Building Planning":
 - 1.1. The following subsection of Section 301, entitled "Design Criteria":

- 1.1.1. Section R301.8, entitled “Nominal Sizes.”
- 1.2. The following subsections of Section R302, entitled “Fire-Resistant Construction”:
 - 1.2.1. Section R302.10, entitled “Flame Spread Index and Smoke -Developed Index for Insulation”;
 - 1.2.2. Section R302.14, entitled “Combustible Insulation Clearance.”
- 1.3. The following subsection of Section R307, entitled “Toilet, Bath and Shower Spaces”:
 - 1.3.1. Section R307.2, entitled “Bathtub and Shower Spaces.”
- 1.4. All of Section R308, “Glazing”;
- 1.5. The following subsection of Section R309, entitled “Garages and Carports”:
 - 1.5.1. Section R309.4, entitled “Automatic Garage Door Openers”;
- 1.6. The following subsections of Section R313, entitled “Automatic Fire Sprinkler System”:
 - 1.6.1. Section R313.1.1, entitled “Design and Installation”;
 - 1.6.2. Section R313.2.1, entitled “Design and Installation”;
- 1.7. The following subsections of Section R314, entitled “Smoke Alarms”:
 - 1.7.1. Section R314.1.1, entitled “Listings”;
 - 1.7.2. Section R314.5, entitled “Combination Alarms”;
 - 1.7.3. Section R314.7.1, entitled “General”;
 - 1.7.4. Section R314.7.4, entitled “Combination Detectors”;
- 1.8. The following subsections of Section R315, entitled “Carbon Monoxide Alarms”:
 - 1.8.1. Section R315.1.1, entitled “Listings”;

- 1.8.2. Section R315.4, entitled "Combination Alarms";
- 1.8.3. Section R315.6.1, entitled "General" (Section R315.7.1, entitled "General" 2021 ed.);
- 1.8.4. Section R315.6.4, entitled "Combination Detectors" (Section R315.7.4, entitled "Combination Detectors," 2021 ed.);
- 1.9. All of Section R316, "Foam Plastic";
- 1.10. All of Section R317, "Protection of Wood and Wood-Based Products Against Decay";
- 1.11. All of Section R318, "Protection Against Subterranean Termites";
- 1.12. All of Section R324, "Solar Energy Systems" shall apply to newly installed and completely replaced solar energy systems; and
- 1.13. Section R326, "Swimming Pools, Spas and Hot Tubs" (Section R327, 2021 ed.) shall apply to newly installed and completely replaced enclosures for swimming pools, spas, and hot tubs. This shall also apply to partial enclosure replacement if the portion being replaced exceeds 25 percent of the total perimeter of the enclosure.
2. The following sections of Chapter 4, entitled "Foundations":
 - 2.1. All of Section R402, "Materials"; and
 - 2.2. All of Section R407, "Columns."
3. The following sections of Chapter 5, entitled "Floors":
 - 3.1. The following subsections of Section R502, entitled "Wood Floor Framing":
 - 3.1.1. Section R502.1, "General";
 - 3.1.2. Section R502.8, "Cutting, Drilling and Notching";
 - 3.1.3. Section R502.11, "Wood Trusses";
 - 3.2. The following subsections of Section R503, entitled "Floor Sheathing":

- 3.2.1. Section R503.2.1, "Identification and Grade";
- 3.2.2. Section R503.2.3, "Installation";
- 3.2.3. Section R503.3.1, "Identification and Grade"; and
- 3.2.4. Section R503.3.3, "Installation."

3.3. The following subsections of Section R504, entitled "Pressure Preservative-Treated-Wood Floors (On Ground)":

- 3.3.1. Section R504.1.2, "Construction";
- 3.3.2. Section R504.1.3, "Uplifting and Buckling"; and
- 3.3.3. Section R504.3, "Materials."

3.4. The following subsections of Section R505, entitled "Cold-Formed Steel Floor Framing":

- 3.4.1. Section R505.2.1, "Material";
- 3.4.2. Section R505.2.2, "Corrosion Protection";
- 3.4.3. Section R505.2.3, "Dimension, Thickness and Material Grade";
- 3.4.4. Section R505.2.4, "Identification";
- 3.4.5. Section R505.2.5, "Fastening";
- 3.4.6. Section R505.2.6.3, "Hole Patching" (R505.2.6, 2021 ed.);

and

3.4.7. Section R505.3.5, "Cutting and Notching";

3.4.8. Section R507, "Exterior Decks," shall apply to newly installed and completely replaced decks;

4. The following sections of Chapter 6, entitled "Wall Construction":

4.1. The following subsections of Section R602, entitled "Wood Wall Framing":

- 4.1.1. Section R602.1, "General";

- 4.1.2. Section R602.2, "Grade"; and
 - 4.1.3. Section R602.6, "Drilling and Notching of Studs."
 - 4.2. The following subsections of Section R603, entitled "Cold-Formed Steel Wall Framing":
 - 4.2.1. Section R603.2.1, "Material";
 - 4.2.2. Section R603.2.2, "Corrosion Protection";
 - 4.2.3. Section R603.2.3, "Dimension, Thickness and Material Grade";
 - 4.2.4. Section R603.2.4, "Identification";
 - 4.2.5. Section R603.2.5, "Fastening";
 - 4.2.6. Section R603.2.6.3, "Hole Patching" (R603.2.6, 2021 ed.); and
 - 4.2.7. Section R603.3.4, "Cutting and Notching."
 - 4.3. The following subsections of Section R604, entitled "Wood Structural Panels":
 - 4.3.1. Section R604.1, "Identification and Grade"; and
 - 4.3.2. Section R604.3, "Installation."
 - 4.4. Section R605, "Particleboard."
 - 4.5. The following subsections of Section R606, entitled "General Masonry Construction":
 - 4.5.1. Section R606.1, "General"; and
 - 4.5.2. Section R606.2, "Masonry Construction Materials."
 - 4.6. The following subsection of Section R607, entitled "Glass Unit Masonry":
 - 4.6.1. Section R607.2, "Materials."
 - 4.7. The following subsection of Section R608, entitled "Exterior Concrete Wall Construction":

- 4.7.1. Section R608.5.1.1, "Cements";
- 4.7.2. Section R608.5.1.2, "Concrete Mixing and Delivery";
- 4.7.3. Section R608.5.2, "Steel Reinforcement and Anchor Bolts";
- 4.7.4. Section R608.5.3, "Form Materials and Form Ties."
- 4.8. The following subsection of Section R609, entitled "Exterior Windows and Doors":
 - 4.8.1. Section R609.3, "Testing and Labeling."
 - 4.8.2. Section R609.4, "Garage Doors."
 - 4.8.3. Section R609.5, "Other Exterior Window and Door Assemblies."
- 4.9. The following subsections of Section R610, entitled "Structural Insulated Panel Wall Construction":
 - 4.9.1. Section R610.3, "Materials"; and
 - 4.9.2. Section R610.7, "Drilling and Notching."
- 5. All of Chapter 7, entitled "Wall Covering."
- 6. The following sections of Chapter 8, entitled "Roof-Ceiling Construction":
 - 6.1. The following subsections of Section R802, entitled "Wood Roof Framing":
 - 6.1.1. Section R802.1, "General";
 - 6.1.2. Section R802.7, "Cutting, Drilling and Notching"; and
 - 6.1.3. Section R802.10.4, "Alterations to Trusses."
 - 6.2. The following subsection of Section R803, entitled "Roof Sheathing":
 - 6.2.1. Section 803.2.1, "Identification and Grade."
 - 6.3. The following subsections of Section R804, entitled "Cold-Formed Steel Roof Framing":

- 6.3.1. Section R804.2.1, "Material";
- 6.3.2. Section R804.2.2, "Corrosion Protection";
- 6.3.3. Section R804.2.3, "Dimension, Thickness and Material Grade";
- 6.3.4. Section R804.2.4, "Identification";
- 6.3.5. Section R804.2.5, "Fastening Requirements";
- 6.3.6. Section R804.2.6.3, "Hole patching" (R804.2.6, 2021 ed.); and
- 6.3.7. Section R804.3.3, "Cutting and Notching."
- 7. All of Chapter 9, entitled "Roof Assemblies."
- 8. All of Chapter 10, entitled "Chimneys and Fireplaces."
- 9. All of Chapter 13, entitled "General Mechanical System Requirements," except:
 - 9.1. Section M1301.1.1, "Flood-Resistant Installation"; and
 - 9.2. Section M1305, "Appliance Access."
- 10. All of Chapter 14, entitled "Heating and Cooling Equipment," except:
 - 10.1. Section M1401.2, "Access"; and
 - 10.2. Section M1401.3, "Equipment and Appliance Sizing."
 - 10.3. Section M1401.5, "Flood Hazard."
- 11. Chapter 14, Section M1401.3, "Equipment and Appliance Sizing" shall apply when appliance/equipment input ratings are increased/decreased.
- 12. All of Chapter 15, entitled "Exhaust Systems."
- 13. All of Chapter 16, entitled "Duct Systems."
- 14. All of Chapter 17, entitled "Combustion Air."
- 15. Chapter 17, entitled "Combustion Air," shall not apply if the work being performed does not increase the input rating of the equipment.

16. All of Chapter 18, entitled “Chimneys and Vents.”
17. All of Chapter 19, entitled “Special Appliances, Equipment and Systems.”
18. All of Chapter 20, entitled “Boilers and Water Heaters.”
19. All of Chapter 21, entitled “Hydronic Piping.”
20. All of Chapter 22, entitled “Special Piping and Storage Systems.”
21. All of Chapter 23, entitled “Solar Thermal Energy Systems”; and
22. All of Chapter 24, entitled “Fuel Gas,” except:
 - 22.1. Section G2404.7, “Flood Hazard”;
 - 22.2. Section G2404.8, “Seismic Resistance;”
 - 22.3. Section G2412.8, “Minimum Sizes”; and
 - 22.4. Section G2413.3, “Sizing.”
23. Chapter 24, “Fuel Gas,” Section G2407, “Combustion, Ventilation and Dilution Air,” shall not apply if the work being performed does not increase the input rating of the equipment.
24. Chapter 24, “Fuel Gas,” Sections G2412.8, “Minimum sizes,” and G2413.3, “Sizing,” shall apply when the work being performed increases the load on the system such that the existing pipe does not meet the size required by code. Existing systems that are modified shall not require resizing as long as the load on the system is not increased and the system length is not increased even if the altered system does not meet code minimums.”
25. Section 704, “Means of Egress,” of Chapter 7, “Alterations—Level 1,” of the 2021

International Existing Building Code is amended by adding a new Subsection 704.4, “Allowance For Fire Resistance Upgrading,” to read as follows:

“704.4 Allowance for fire resistance upgrading. When improving the fire resistance rating of the enclosure of stairways, exit access corridors or exit passageways complying with Section 1005 of the *Dallas Building Code*, a tolerance of up to 1-1/2 inches (38 mm) shall be allowed in the minimum width of those elements of egress. When improving the fire resistance rating of a wall assembly on one side of stairways, exit access corridors or exit passageways, a tolerance of up to 3/4 inches (19 mm) shall be allowed in the minimum width of those elements of egress.”

26. Subsection [BS] 705.1, “General,” of Section 705, “Reroofing,” of Chapter 7, “Alterations—Level 1,” of the 2021 International Existing Building Code is amended to read as follows:

“[BS] 705.1 **General.** Materials and methods of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15 of the *Dallas [International] Building Code*. Roof repairs to existing roofs and roof coverings shall comply with the provisions of this code, but more than 25 percent of the roof covering of any building shall not be removed and replaced within any 12-month period unless the entire roof covering is made to conform to the requirements for new roofing.”

Exceptions:

1. *Roof replacement* or roof recover of existing low slope roof coverings shall not be required to meet the minimum design slope requirement of ¼ unit vertical in 12 units horizontal (2-percent slope) in Section 1507 of the *Dallas [International] Building Code* for roofs that provide positive roof drainage.
2. Recovering or replacing an existing roof coverings shall not be required to meet the requirement for secondary (emergency overflow) drains or scuppers in Section 1502 of the *Dallas [International] Building Code* for roofs that provide for positive roof drainage. For the purposes of this exception, existing secondary drainage or scupper systems required in accordance with this code shall not be removed unless they are replaced by secondary drains or scuppers designed and installed in accordance with Section 1502 of the *Dallas [International] Building Code*.”

27. Paragraph [BS] 705.2.1, “Roof Recover,” of Subsection [BS] 705.2, “Roof Replacement,” of Section 705, “Reroofing,” of Chapter 7, “Alterations—Level 1,” of the 2021 International Existing Building Code is amended to read as follows:

“[BS] 705.2.1 **Roof recover.** The installation of a new roof covering over an existing roof covering shall be permitted where any of the following conditions occur:

1. The new roof covering is installed in accordance with the roof covering manufacturer's *approved* instructions.

2. Complete and separate roofing systems, such as standing-seam metal roof panel systems, that are designed to transmit the roof loads directly to the building's structural system and that do not rely on existing roofs and roof coverings for support, are installed.
3. Metal panel, metal shingle and concrete and clay tile roof coverings are installed over existing wood shake roofs in accordance with Section 705.3.
4. A new protective *roof coating* is applied over an existing protective *roof coating*, a metal roof panel, metal roof shingles, mineral-surfaced roll roofing, a built-up roof, modified bitumen roofing, thermoset and thermoplastic single-ply roofing or a spray polyurethane foam roofing system.
5. Where the maximum number of roof coverings, including the new roof covering installation, does not exceed two.

[BS] 705.2.1.1 Exceptions. A roof recover shall not be permitted where any of the following conditions occur:

1. The existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
 2. The existing roof covering is slate, clay, cement or asbestos-cement tile.
 3. The existing roof has two or more applications of any type of roof covering.”
28. Subsection 801.1, “Scope,” of Section 801, “General,” of Chapter 8, “Alterations—

Level 2,” of the 2021 International Existing Building Code is amended to read as follows:

“801.1 Scope. Level 2 *alterations* as described in Section 603 shall comply with the requirements of this chapter.

Exceptions:

1. Buildings in which the reconfiguration is exclusively the result of compliance with the accessibility requirements of Section 306.7.1 shall be permitted to comply with Chapter 7.
2. Sections 803.2.1, 805.3 and 805.4 shall not be mandatory for Level 2 alteration work areas of less than 500 square feet (46.5 m²) provided:

2.1. There is no increase in hazard; and

2.2. The alterations do not adversely affect the existing means of egress or any required fire resistance rating.”

29. Subsection 801.4, “Compliance,” of Section 801, “General,” of Chapter 8, “Alterations—Level 2,” of the 2021 International Existing Building Code is amended to read as follows:

“801.4 Compliance. New construction elements, components, systems and spaces shall comply with the requirements of the *Dallas [International] Building Code*.

Exceptions:

1. Where windows are added they are not required to comply with the light and ventilation requirements of the *Dallas [International] Building Code*.
2. Newly installed electrical equipment shall comply with the requirements of Section 806.
3. The length of dead-end corridors in newly constructed spaces shall only be required to comply with the provisions of Section 804.7.
4. The minimum ceiling height of the newly created habitable and occupiable spaces and corridors shall be 7 feet (2134 mm). A lower clearance than that set forth in Exceptions to Subsection 1208.2 of the *Dallas Building Code* is permitted in special cases where the code official determines that a lower clearance will pose no undue health or safety hazard to the occupants.
5. Where provided in below-grade transportation stations, existing and new escalators shall be permitted to have a clear width of less than 32 inches (815 mm).
6. New structural members and connections shall be permitted to comply with alternative design criteria in accordance with Section 302.”

30. Paragraph 802.5.1, “Minimum Requirement,” of Subsection 802.5, “Guards,” of Section 802, “Building Elements and Materials,” of Chapter 8, “Alterations—Level 2,” of the 2021 International Existing Building Code is amended to read as follows:

“802.5.1 Minimum requirement. Every portion of open-sided walking surfaces, including mezzanines, equipment platforms, aisles, stairs, ramps and landings [a floor, such as a balcony or a loading deck,] that is more than 30 inches (762 mm) above the floor or grade below and is not provided with guards, or those in which the existing guards are judged to be in danger of collapsing, shall be provided with guards.”

31. Subsection 803.2, “Automatic Sprinkler Systems,” of Section 803, “Fire Protection,” of Chapter 8, “Alterations—Level 2,” of the 2021 International Existing Building Code is amended to read as follows:

“803.2 Automatic sprinkler systems. Automatic sprinkler systems shall be provided in accordance with the requirements of Sections 803.2.1 through 803.2.6. Installation requirements shall be in accordance with the *Dallas [International] Building Code*. The requirements of this section shall not be voided due to de minimis remainder floor areas. When an automatic sprinkler system is provided, the sprinkler riser shall be sized to serve the entire building, even if the system currently being installed serves only a portion of the building.

803.2.1 High-rise buildings. In high-rise buildings, *work areas* that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with automatic sprinkler protection in the entire *work area* where the *work area* is located on a floor that has a sufficient sprinkler water supply system from an existing standpipe or a sprinkler riser serving that floor.

Exceptions:

1. Work areas where there is no change in the use or occupancy and that involve tenancy of less than the entire floor of the story (not counting common areas such as corridors, restrooms, etc.) shall not require sprinklers.
2. Work areas where the change in use or occupancy does not increase the relative hazard in accordance with Fire Suppression Table 1011.9.1.

803.2.1.1 Supplemental automatic sprinkler system requirements. Where the *work area* on any floor exceeds 50 percent of that floor area, Section 803.2.1 shall apply to the entire floor including corridors and core areas on which the *work area* is located.

Exceptions:

1. Occupied tenant spaces that are entirely outside the *work area*.

2. Floors on which sprinklers are not required per Section 803.2.1.

803.2.2 Groups A, B, E, F-1, H, I-1, I-3, I-4, M, R-1, R-2, R-4, S-1 and S-2. In buildings with occupancies in Groups A, B, E, F-1, H, I-1, I-3, I-4, M, R-1, R-2, R-4, S-1 and S-2, *work areas* that have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30 shall be provided with automatic sprinkler protection where both of the following conditions occur:

1. The *work area* is required to be provided with automatic sprinkler protection in accordance with the Dallas [International] Building Code as applicable to new construction (excluding Section 903.2.13).
2. The *work area* exceeds 50 percent of the floor area.

Exceptions:

1. If the building does not have sufficient municipal water supply for design of a fire sprinkler system available to the floor without installation of a new fire pump, *work areas* shall be protected by an automatic smoke detection system throughout all occupiable spaces other than sleeping units or individual dwelling units that activates the occupant notification system in accordance with Sections 907.4, 907.5 and 907.6 of the Dallas [International] Building Code.
2. Work areas where there is no change in the use or occupancy shall not require sprinklers.
3. Work areas where the change in use or occupancy does not increase the relative hazard in accordance with Fire Suppression Table 1011.9.1 shall not require sprinklers.

803.2.2.1 Mixed uses. In *work areas* containing mixed uses, one or more of which requires automatic sprinkler protection in accordance with Section 803.2.2, such protection shall not be required throughout the *work area* provided that the uses requiring such protection are separated from those not requiring protection by fire-resistance-rated construction having a minimum 2-hour fire barrier [~~rating~~] for Group H and a minimum 1-hour fire barrier [~~rating~~] for all other occupancy groups.

803.2.3 Group I-2. In Group I-2 occupancies, an automatic sprinkler system installed in accordance with Section 903.3.1.1 of the Dallas Building [International-Fire] Code shall be provided in the following

1. In Group I-2, Condition 1, throughout the *work area*.

2. In Group I-2, Condition 2, throughout the *work area* where the *work area* is 50 percent or less of the smoke compartment.
3. In Group I-2, Condition 2, throughout the smoke compartment in which the work occurs where the *work area* exceeds 50 percent of the smoke compartment.

803.2.4 Windowless stories. Work located in a windowless story, as determined in accordance with the *Dallas [International] Building Code*, shall be sprinklered where the *work area* is required to be sprinklered under the provisions of the *Dallas [International] Building Code* for newly constructed buildings and the building has a sufficient municipal water supply without installation of a new fire pump.

803.2.5 Other required automatic sprinkler systems. In buildings and areas listed in Table 903.2.11.6 of the *Dallas [International] Building Code*, *work areas* that include the entire tenancy as defined in this code, [~~have exits or corridors shared by more than one tenant or that have exits or corridors serving an occupant load greater than 30~~] shall be provided with an automatic sprinkler system under the following conditions

1. The *work area* is required to be provided with an automatic sprinkler system in accordance with the *Dallas [International] Building Code* applicable to new construction (excluding Section 903.2.13); ~~and~~
2. The building has sufficient municipal water supply for design of an automatic sprinkler system available to the floor without installation of a new fire pump; and
3. Sprinklers are required by either Sections 803.2.1 or 803.2.2.

803.2.6 Supervision. Fire sprinkler systems required by this section shall be supervised by one of the following methods:

1. *Approved* central station system in accordance with NFPA 72.
2. *Approved* proprietary system in accordance with NFPA 72.
3. *Approved* remote station system of the jurisdiction in accordance with NFPA 72.
4. Where *approved* by the *code official*, *approved* local alarm service that will cause the sounding of an alarm in accordance with NFPA 72.

Exception: Supervision is not required for the following:

1. Underground key or hub gate valves in roadway boxes.

2. Halogenated extinguishing systems.
3. Carbon dioxide extinguishing systems.
4. Dry- and wet-chemical extinguishing systems.
5. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic and automatic sprinkler systems and a separate shutoff valve for the automatic sprinkler system is not provided.”

32. Subsection 803.3, “Automatic Sprinkler Systems,” of Section 803, “Fire Protection,” of Chapter 8, “Alterations—Level 2,” of the 2021 International Existing Building Code is amended to read as follows:

“803.3 Standpipes. Where the *work area* includes exits or corridors or includes at least one entire floor [shared by more than one tenant] and is located more than 50 feet (15 240 mm) above or below the lowest level of fire department access, a standpipe system shall be provided up to and including the highest floor that is part of the work area. Standpipes shall have an *approved* fire department connection with hose connections at each floor level above or below the lowest level of fire department access. Standpipe systems shall be installed in accordance with the *Dallas [International] Building Code.* Hoses and hose cabinets are not required.

Exceptions.

1. A pump shall not be required provided that the standpipes are capable of accepting delivery by fire department apparatus of not less than 250 gallons per minute (gpm) at 65 pounds per square inch (psi) (946 L/m at 448 KPa) to the topmost floor in buildings equipped throughout with an automatic sprinkler system or not less than 500 gpm at 65 psi (1892 L/m at 448 KPa) to the topmost floor in all other buildings. Where the standpipe terminates below the topmost floor, the standpipe shall be designed to meet (gpm/psi) (L/m/KPa) requirements of this exception for possible future extension of the standpipe.
2. The interconnection of multiple standpipe risers shall not be required.
3. Exits or corridors where the work area is within a single tenant space which occupies only a portion of no more than one floor.”

33. Paragraph 803.4.1, "Occupancy Requirements," of Subsection 803.4, "Fire Alarm and Detection," of Section 803, "Fire Protection," of Chapter 8, "Alterations—Level 2," of the 2021 International Existing Building Code is amended to read as follows:

"803.4.1 Occupancy requirements. A fire alarm system shall be installed in accordance with Sections 803.4.1.1 through 803.4.1.6. Existing alarm-notification appliances shall be automatically activated throughout the building. Where the building is not equipped with a fire alarm system, alarm-notification appliances within the occupancy [~~work area~~] shall be provided and automatically activated.

Exceptions:

1. Occupancies with an existing, previously *approved* fire alarm system.
2. Where selective notification is permitted, alarm-notification appliances shall be automatically activated in the areas selected.
3. In work areas containing mixed uses, one or more of which requires a fire alarm system in accordance with this section, such protection shall not be required throughout the work area provided that the uses requiring such protection are separated from those not requiring protection by fire-resistance-rated construction having a minimum 2-hour fire barrier for Group H and a minimum 1-hour fire barrier for all other occupancy groups. No openings are allowed in the fire barriers.

803.4.1.1 Group E. A fire alarm system shall be installed in *work areas* of Group E occupancies as required by the Dallas [~~International~~] *Fire Code* for existing Group E occupancies.

803.4.1.2 Group I-1. An automatic fire alarm system shall be installed in *work areas* of Group I-1 *facilities* as required by Chapter 11 of the Dallas [~~International~~] *Fire Code* for existing Group I-1 occupancies.

803.4.1.3 Group I-2. An automatic fire alarm system shall be installed throughout Group I-2 occupancies as required by Chapter 11 of the Dallas [~~International~~] *Fire Code*.

803.4.1.4 Group I-3. A fire alarm system shall be installed in *work areas* of Group I-3 occupancies as required by the Dallas [~~International~~] *Fire Code*.

803.4.1.5 Group R-1. A fire alarm system shall be installed in Group R-1 occupancies as required by the Dallas [~~International~~] *Fire Code* for existing Group R-1 occupancies.

803.4.1.6 Group R-2. A fire alarm system shall be installed in *work areas* of Group R-2 apartment buildings as required by the Dallas [~~International~~] *Fire Code* for existing Group R-2 occupancies.

803.4.1.7 Group B. A fire alarm system shall be installed in *work areas* of Group B buildings as required by the Dallas *Fire Code* for existing Group B occupancies.

803.4.1.8 Group M. A fire alarm system shall be installed in *work areas* of Group M buildings as required by the Dallas *Fire Code* for existing Group M occupancies.”

34. Subparagraph 804.4.1.1, “Single-Exit Buildings,” of Paragraph 804.4.1, “Minimum Number,” of Subsection 804.4, “Number of Exits,” of Section 804, “Means of Egress,” of Chapter 8, “Alterations—Level 2,” of the 2021 International Existing Building Code is amended to read as follows:

“804.4.1.1 Single-exit buildings. A single exit or access to a single exit shall be permitted from spaces, any story or any occupied roof where one of the following conditions exists:

1. In Group A, B, E, F, M, U and S occupancies, a single exit is permitted in the story at the level [The occupant load, number] of [dwelling units and] exit discharge when [access travel distance do not exceed] the occupant load of the story does not exceed 50 and the exit access travel distance does not exceed 75 feet [values in Table 804.4.1.1(1) or Table 804.4.1.1(2)].

Exception: In Group A, B, E, F, M, U and S occupancies, the exit access travel distance may be increased to 100 feet (30 480 mm) when the area served by the single exit and all egress components of the single exit are protected with automatic sprinklers.

2. Group B, F-2 and S-2 occupancies not more than two stories in height that are not greater than 3,500 square feet per floor (326 m²), when the exit access travel distance does not exceed 75 feet (22 860 mm). The minimum fire-resistance rating of the exit enclosure and of the opening protection shall be 1 hour.

Exception: In Group B occupancies not more than 3 stories in height provided the exit access travel distance does not exceed 100 feet (30 480 mm) and the building is equipped with an approved automatic fire suppression system and automatic fire alarm system with smoke detectors located in all corridors, lobbies and common areas.

3. Open parking structures where vehicles are mechanically parked.
4. Group R-3 and R-4 occupancies shall be permitted to have one exit or access to a single exit.
5. Group R-2 not more than two stories in height, when there are not more than four dwelling units per floor and the exit access travel distance does not exceed 50 feet (15 240 mm). The minimum fire-resistance rating of the exit enclosure and of the opening protection shall be 1 hour.

Exception: Group R-2 occupancies may be not more than three stories in height where the building is equipped with an automatic fire suppression system and automatic fire alarm system.

6. In Group R-1 or R-2, buildings without an *approved* automatic sprinkler system, individual single-story or multiple-story dwelling or sleeping units shall be permitted to have a single exit or access to a single exit from the dwelling or sleeping unit provided one of the following criteria are met:
 - 6[2].1. The occupant load is not greater than 10 and the exit access travel distance within the unit does not exceed 75 feet (22 860 mm).
 - 6[2].2. The building is not more than three stories in height; all third-story space is part of dwelling with an exit access doorway on the second story; and the portion of the exit access travel distance from the door to any habitable room within any such unit to the unit entrance doors does not exceed 50 feet (15 240 mm).
7. In Group R-2 occupancies consisting of sleeping units, H-4, H-5 and I occupancies, a single exit is permitted in a one-story building with a maximum occupant load of 10 and the exit access travel distance does not exceed 75 feet (22 860 mm).

8. In buildings of Group R-2 occupancy that are equipped throughout with an automatic fire sprinkler system, a single exit shall be permitted from a basement or story below grade if every dwelling unit on that floor is equipped with an approved window providing a clear opening of at least 5 square feet (0.47 m²) in area, a minimum net clear opening of 24 inches (610 mm) in height and 20 inches (508 mm) in width and a sill height of not more than 44 inches (1118 mm) above the finished floor.
- 9[3]. In buildings of Group R-2 occupancy of any number of stories with not more than four dwelling units per floor served by an interior exit stairway; with a smokeproof enclosure in accordance with Sections 909.20 and 1023.12 of the *International Building Code* or an exterior stairway as an exit; and where the portion of the exit access travel distance from the dwelling unit entrance door to the exit is not greater than 20 feet (6096 mm).
10. In buildings of Group R-3 occupancy equipped throughout with an automatic fire sprinkler system, only one exit shall be required from basements or stories below grade.
11. In Group E occupancies that satisfy all of the following conditions:
- 11.1. Not more than two stories above the level of exit discharge.
- 11.2. The floor area of the story does not exceed 3,000 square feet (279 m²).
- 11.3. Total occupant load served by the single exit does not exceed 49 persons per floor.
- 11.4. Automatic sprinkler protection throughout the building, and a building fire alarm system.
12. In Group A-3, A-4, B, E, M and R occupancies located not more than one story below grade that satisfy all the following conditions:
- 12.1. The floor area of the story does not exceed 2,500 square feet (233 m²).
- 12.2. The area served by the single exit and all egress components of the single exit are equipped with an approved automatic fire suppression system.
- 12.3. The building is equipped with an automatic fire alarm system.

13. In Group A occupancies located not more than one story above the level of exit discharge that satisfy all the following conditions:
- 13.1. The floor area of the Group A occupancy does not exceed 2,000 square feet (186 m²).
- Exception:** Where the entire building is protected by an automatic sprinkler system, the floor area shall not exceed 3,000 square feet (279 m²).
- 13.2. The occupant load of the assembly area served by the single exit does not exceed 2/3 of the capacity of the single exit.
- 13.3. The area served by the single exit and all egress components of the single exit are protected with an automatic sprinkler system.
- 13.4. All portions of the level of discharge with access to the single exit egress path shall be protected by an automatic sprinkler system or shall be separated from the egress path in by an enclosure with a fire resistance rating of not less than 1-hour.
- 13.5. The building is provided with an automatic fire alarm system in accordance with the *Dallas Building Code* and NFPA 72.
14. In below-grade parking garages of Group S-2, provided:
- 14.1. The parking levels are protected with automatic sprinklers and a fire alarm system;
- 14.2. The travel distance to the exit does not exceed 400 feet (121 920 mm); and
- 14.3. A car ramp is available for exit in addition to the single exit.
15. Group R-2 occupancies in buildings of any height that are provided with an approved, automatic fire suppression system, a single exit from a dwelling unit (*i.e.*, apartment) is permitted, provided both of the following conditions are met:
- 15.1. Travel distance within the dwelling unit to the exit access corridor does not exceed 125 feet (38 100 mm); and

15.2. Travel distance from corridor door to an exit does not exceed 200 feet (60 960 mm)."

35. Table 804.1.1(1), "Stories With One Exit or Access to One Exit For R-2 Occupancies," and Table 804.1.1(2), "Stories With One Exit or Access to One Exit For Other Occupancies," of Section 804, "Means of Egress," of Chapter 8, "Alterations—Level 2," of the 2021 International Existing Building Code are deleted.

36. Subparagraph 804.5.1.1, "Occupant Load and Travel Distance," of Paragraph 804.5.1, "Two Egress Doorways Required," of Subsection 804.5, "Egress Doorways," of Section 804, "Means of Egress," of Chapter 8, "Alterations—Level 2," of the 2021 International Existing Building Code is amended to read as follows:

"804.5.1.1 Occupant load and travel distance. In any *work area*, all rooms and spaces having an occupant load greater than 50 or in which the travel distance to an exit exceeds 75 feet (22 860 mm) shall have not fewer than two egress doorways.

Exceptions:

1. Storage rooms having a maximum occupant load of 10.
2. Where the *work area* is served by a single exit in accordance with Section 804.4.1.1.
3. In Group B occupancies, only one egress doorway is required when conditions 3.1, 3.2 and 3.3 are met, and either condition 3.4 or 3.5, as applicable, is also met.

3.1. The space is confined, restricted or isolated by the demising partitions of the existing adjacent spaces such that two egress doorways complying with the remoteness requirements of the Dallas Building Code cannot be provided;

3.2. The common path of travel within the space is not more than 100 feet (30 480 mm);

3.3. The occupant load of the space does not exceed 49;

3.4. In non-sprinklered, non-high-rise buildings, automatic smoke detection is provided both in the spaces served by the single egress doorway and throughout the means of egress to the building exits; or

3.5. In high-rise buildings, both the spaces served by the single egress doorway and the means of egress to the building exit are provided with automatic sprinklers."

37. Subsection 804.7, "Dead-End Corridors," of Section 804, "Means of Egress," of Chapter 8, "Alterations—Level 2," of the 2021 International Existing Building Code is amended to read as follows:

"804.7 Dead-end corridors. Dead-end corridors in any *work area* shall not exceed 35 feet (10 670 mm). In Group I-2 occupancies, dead-end corridors shall not exceed 30 feet (9144 mm).

Exceptions:

1. Where dead-end corridors of greater length are permitted by the *Dallas [International] Building Code*.
2. In other than Group A, I-2 and H occupancies, the maximum length of an existing dead-end corridor shall be 50 feet (15 240 mm) in buildings equipped throughout with an automatic fire alarm system installed in accordance with the *Dallas [International] Building Code*.
3. In other than Group A, I-2 and H occupancies, the maximum length of an existing dead-end corridor shall be 75 [70] feet (22 860 [21 356] mm) where the floor containing the dead-end corridor is [in buildings] equipped [throughout] with [an] automatic sprinkler protection [system installed] in accordance with the *Dallas [International] Building Code*.
4. In other than Group A, I-2 and H occupancies, the maximum length of an existing ~~[- newly constructed, or extended]~~ dead-end corridor shall not exceed 100 [50] feet (30 480 [15 240] mm) in buildings [on floors] equipped throughout with an automatic sprinkler system installed in accordance with the *Dallas [International] Building Code*.

5. In other than Group A, I-2 and H occupancies, the maximum length of an extended dead-end corridor shall not exceed 50 feet (15 240 mm) on floors equipped with an automatic sprinkler system installed in accordance with the Dallas Building Code.
6. In other than Group A, I-2 and H occupancies, the maximum length of an extended dead-end corridor shall not exceed 75 feet (22 860 mm) in buildings equipped throughout with an automatic sprinkler system installed in accordance with the Dallas Building Code.”

38. Section 901, “General,” of Chapter 9, “Alterations—Level 3,” of the 2021 International Existing Building Code is amended to read as follows:

**“SECTION 901
GENERAL**

901.1 Scope. Level 3 *alterations* as described in Section 604 shall comply with the requirements of this chapter.

Exception: As modified in Chapter 12 for historic buildings.

901.2 Compliance. In addition to the provisions of this chapter, work shall comply with all of the requirements of Chapters 7 and 8. The requirements of Sections 802, 803, 804 and 805 shall apply within all *work areas* whether or not they include exits and corridors shared by more than one tenant and regardless of the occupant load.

Exceptions:

1. Buildings in which the reconfiguration of space affecting exits or shared egress access is exclusively the result of compliance with the accessibility requirements of Section 306.7.1 shall not be required to comply with this chapter.
2. Asbestos hazard abatement projects and lead hazard abatement projects shall not be categorized as Level 3 alteration projects in and of themselves despite the fact that occupancy of the work area is not permitted. However, all related construction work undertaken in connection with such projects and all replacement materials used shall comply with the applicable provisions of this code.”

39. Subsection 902.1, “High-Rise Buildings,” of Section 902, “Special Use and Occupancy,” of Chapter 9, “Alterations—Level 3,” of the 2021 International Existing Building Code is amended to read as follows:

“902.1 High-rise buildings. Any building having occupied floors more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access shall comply with the requirements of Sections 902.1.1 and 902.1.2.

Exception: Existing high-rise buildings that are stripped of 100 percent of building systems and interior walls in all areas other than those used as a parking garage (open or enclosed), leaving no more than the structure, shaft walls and the exterior envelope assemblies, shall be rebuilt in full compliance with Section 403 of the *Dallas Building Code*.

902.1.1 Recirculating air or exhaust systems. Where a floor is served by a recirculating air or exhaust system with a capacity greater than 15,000 cubic feet per minute (701 m³/s), that system shall be equipped with *approved* smoke and heat detection devices installed in accordance with the *Dallas [International] Mechanical Code*.

902.1.2 Elevators. Where there is an elevator or elevators for public use, not fewer than one elevator serving the *work area* shall comply with this section. Existing elevators with a travel distance of 25 feet (7620 mm) or more above or below the main floor or other level of a building and intended to serve the needs of emergency personnel for fire-fighting or rescue purposes shall be provided with emergency operation in accordance with ASME A17.3. New elevators shall be provided with Phase I emergency recall operation and Phase II emergency in-car operation in accordance with ASME A17.1/CSA B44.1.”

40. Section 903, “Building Elements and Materials,” of Chapter 9, “Alterations—Level 3,” of the 2021 International Existing Building Code is amended by adding a new Subsection 903.5, “Air-Borne Sound,” to read as follows:

“903.5 Air-borne sound. Walls, partitions and floor/ceiling assemblies separating *dwelling units* and *sleeping units* from each other or from public or service areas shall have a sound transmission class (STC) of not less than 50 (45 if field tested) for air-borne noise when tested in accordance with ASTM E 90.

Walls, partitions and floor/ceiling assemblies separating Group A-2 occupancies from *dwelling units* shall have a sound transmission class (STC) of not less than 55 and shall be field tested in accordance with ASTM E 90 to achieve a rating of not less than 50 for air-borne noise. The following shall be sealed, lined, insulated or otherwise treated to maintain the required ratings: penetrations or openings in construction assemblies for piping; electrical devices; recessed cabinets; bathtubs; soffits; or heating, ventilating or exhaust ducts. This requirement shall not apply to *dwelling unit* and *sleeping unit* entrance doors; however, such doors shall be tight fitting to the frame and sill.

Exception: Group A-2 occupancies that do not utilize amplified music as part of their use shall be exempt from these provisions.”

41. Paragraph 904.1.1, "High-Rise Buildings," of Subsection 904.1, "Automatic Sprinkler Systems," of Section 904, "Fire Protection," of Chapter 9, "Alterations—Level 3," of the 2021 International Existing Building Code is amended to read as follows:

“904.1.1 High-rise buildings. An automatic sprinkler system shall be provided in the *work areas* in accordance with Section 903 of the *Dallas Building Code*, as provided for in Sections 904.1.1.1 through 904.1.1.3 [~~where the high-rise building has a sufficient municipal water supply for the design and installation of an automatic sprinkler system at the site~~].

904.1.1.1 Where Level 3 *work areas* occur on 75 percent or more of the building floors, excluding mechanical, parking and non-occupiable levels, automatic sprinkler protection shall be provided throughout the entire building in accordance with Section 903 of the *Dallas Building Code*.

904.1.1.2 Where an automatic sprinkler system with sprinkler control valves and water flow devices is provided for each floor throughout the building in accordance with Section 903 of the *Dallas Building Code*, modifications to the minimum type of construction and fire resistance rating requirements of the *Construction Codes* are permitted as described in Section 403.2 of the *Dallas Building Code*.

904.1.1.3 Additional requirements for alterations to 100% percent of floors. Where Level 3 alteration *work areas* occur on all floors, excluding mechanical, parking and non-occupiable levels, the building shall comply with the following additional requirements:

1. **Emergency voice/alarm communication systems.** Provide an emergency voice/alarm communication system in accordance with Section 403.4.4 of the *Dallas Building Code*.
2. **Emergency responder radio coverage.** Provide a two-way fire department communications system in accordance with Section 403.4.5 of the *Dallas Building Code*.
3. **Fire command center.** Provide a *fire command center* in accordance with Sections 403.4.6 and 911.1 of the *Dallas Building Code*.

Exception: Where any of the following features does not exist in the building or cannot be readily provided as part of a Level 3 alteration, such feature is not required to be added for compliance with the *fire command center* requirements of Sections 403.4.6 and 911.1 of the *Dallas Building Code*:

1. Annunciator unit visually indicating the location of the elevators and whether they are operational; or
2. Status indicators and controls for air-handling systems; or
3. Emergency and standby power status indicators.
4. **Standby power and emergency power systems. Provide standby power and emergency power systems in accordance with Section 403.4.8 of the Dallas Building Code.**

42. Subsection 1001.2, "Certificate of Occupancy," of Section 1001, "General," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended to read as follows:

"1001.2 Certificate of occupancy. A *change of occupancy* or a *change of occupancy* within a space where there is a different fire protection system threshold requirement in Chapter 9 of the *Dallas [International] Building Code* shall not be made to any structure without the approval of the *code official*. A certificate of occupancy shall be issued where it has been determined that the requirements for the *change of occupancy* have been met.

1001.2.1 Change of use. Any work undertaken in connection with a change in use that does not involve a *change of occupancy* classification or a change to another group within an occupancy classification shall conform to the applicable requirements for the work as classified in Chapter 6 and to the requirements of Sections 1002 through 1010.

Exception: As modified in Section 1204 for *historic buildings*.

1001.2.2 Change of occupancy classification or group. Where the occupancy classification of a building changes, the provisions of Sections 1002 through 1011 shall apply. This includes a change of occupancy classification and a change to another group within an occupancy classification.

Exception: As modified in Section 1001.2.3.

1001.2.2.1 Partial change of occupancy. Where the occupancy classification or group of a portion of an *existing building* is changed, Section 1011 shall apply.

Exception: As modified in Section 1001.2.3.

1001.2.3 Hazard category classifications. The relative degree of hazard between different occupancy groups shall be as set forth in the hazard category classifications, Tables 1001.2.3, 1011.5, 1011.6, 1011.7 and 1011.9 of Sections 1001.2.3, 1011.5, 1011.6, 1011.7 and 1011.9.

1001.2.3.1 Change of occupancy classification to an equal or lesser hazard. When a change of use is made to an equal or lesser relative use group hazard as shown in Table 1001.2.3, the existing building shall comply with the applicable provisions of Section 1001.2.1 except as modified by Section 1001.2.5.

1001.2.3.1.1 Minimum requirements. Regardless of the occupancy group involved, the following requirements shall be met:

1. The capacity of the means of egress shall comply with the Dallas Building Code.
2. The interior finish of walls and ceilings shall comply with the requirements of the Dallas Building Code for the new occupancy group.

1001.2.3.1.2 Groups I-1, R-1, R-2 or R-4. Where the new use is classified as a Group I-1, R-1, R-2 or R-4 occupancy the following requirements shall be met.

1. Corridor doors and transoms shall comply with the requirements of Sections 804.6.1 and 804.6.2.
2. Automatic sprinkler systems shall comply with the requirements of Section 803.2.
3. Fire alarm and detection systems shall comply with the requirements of Section 803.4.

1001.2.3.1.3 Group I-2. Where the new use is classified as a Group I-2 occupancy, the following requirements shall be met:

1. Egress doorways from patient sleeping rooms and from suites of rooms shall comply with the requirements of Section 804.5.1.2.
2. Shaft enclosures shall comply with the requirements of Section 802.2.1.
3. Smoke barriers shall comply with the requirements of Section 802.3.

4. Automatic sprinkler systems shall comply with the applicable requirements of Section 803.2 and 904.
5. Fire alarm and detection systems shall comply with the requirements of Section 803.4.

1001.2.3.1.4 Group I-3. Where the new use is classified as a Group I-3 occupancy, the following requirements shall be met:

1. Locking of egress doors shall comply with the requirements of Section 804.5.5.
2. Shaft enclosures shall comply with the requirements of Section 802.2.1.
3. Automatic sprinkler systems shall comply with the requirements of Section 803.2.
4. Fire alarm and detection systems shall comply with the requirements of Section 803.4.

1001.2.3.1.5 Group R-3. Where the new use is classified as Group R-3 occupancy, the following requirements shall be met:

1. Dwelling unit separation shall comply with the requirements of Section 802.6.
2. The alarm requirements of Section 307 and 308 shall be met.

1001.2.4 General requirements in change of occupancy classification to a higher hazard. An existing building or portion thereof may have its use changed to a higher relative group hazard as shown in Table 1001.2.3 provided it complies with the provisions of Section 1011 for the new occupancy group, applied throughout the building, or applicable portion thereof.

1001.2.4.1 Change within Group H. An existing building shall comply with all the applicable requirements of Section 1002.1 of this chapter when the occupancy group is changed within Group H.

1001.2.5 Specific requirements in change of occupancy classifications. When Tables 1011.5, 1011.6, 1011.7 and 1011.9 of Sections 1011.5, 1011.6, 1011.7 and 1011.9 establishes requirements that differ from Table 1001.2.3, the most restrictive requirements shall govern.”

43. Section 1001, "General," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended by adding a new Table 1001.2.3, "Relative Use Group Hazard," to read as follows:

"TABLE 1001.2.3 Relative Use Group Hazard	
1 (highest)	H-1, H-2, H-3
2	A-1, A-2 Nightclubs, H-4, H-5, F-1, I-3, M, S-1
3	A-2 Other than Nightclubs A-3, A-4, A-5, B, F-2, I-2, I-4, R-1, S-2
4	A-3 Churches, E, I-1, R-2 and R-4 more than two stories in height or more than four dwelling units
5 (lowest)	R-2 and R-4 buildings two stories or fewer in height and four dwelling units or less, R-3, U"

44. Subsection [BS] 1006.1, "Live Loads," of Section 1006, "Structural," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended to read as follows:

"[BS] 1006.1 Live loads. Structural elements carrying tributary live loads from an area with a *change of occupancy* shall satisfy the requirements of Section 1607 of the *Dallas [International] Building Code*. Design live loads for areas of new occupancy shall be based on Section 1607 of the *Dallas [International] Building Code*. Design live loads for other areas shall be permitted to use previously *approved* design live loads.

Exceptions:

1. Structural elements whose demand-capacity ratio considering the *change of occupancy* is not more than 5 percent greater than the demand-capacity ratio based on previously *approved* live loads.
2. Section 1011.10, as applicable, may also be used to satisfy these requirements."

45. Subsection [BS] 1006.2, "Snow and Wind Loads," of Section 1006, "Structural," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended to read as follows:

“[BS] 1006.2 Snow and wind loads. Where a *change of occupancy* results in a structure being assigned to a higher *risk category*, the structure shall satisfy the requirements of Sections 1608 and 1609 of the [~~International~~] *Building Code* for the new risk category.

Exceptions:

1. Where the area of the new occupancy is less than 10 percent of the building area. The cumulative effect of occupancy changes over time shall be considered.
 2. Section 1011.10, as applicable, may also be used to satisfy these requirements.
46. Section 1008, “Mechanical,” of Chapter 10, “Change of Occupancy,” of the 2021

International Existing Building Code is amended to read as follows:

**“SECTION 1008
MECHANICAL**

1008.1 Mechanical requirements. Where the occupancy of an *existing building* or part of an *existing building* is changed such that the new occupancy is subject to different kitchen exhaust requirements or to increased mechanical ventilation requirements in accordance with this section and Table 1008.3 of this code, [~~the International Mechanical Code,~~] the new occupancy shall comply with the Dallas [~~respective International~~] *Mechanical Code* provisions.

1008.1.1 Ventilation requirements. All spaces intended for human occupancy shall be provided with natural or mechanical ventilation. A building intended to be used as a public school shall be mechanically ventilated.

1008.2 Natural ventilation - general. Spaces intended to be naturally ventilated shall be provided with openable doors, windows, louvers, or other openings to the outdoors. The minimum openable area to the outdoors shall be 4 percent of the floor area being ventilated. Where rooms without openings to the outdoors are ventilated through an adjoining room, the unobstructed opening to the adjoining room shall be at least 8 percent of the floor area of the interior room or space, but not less than 25 square feet. The ventilation openings to the outdoors shall be based on the total floor area being ventilated.

1008.3 Mechanical ventilation - general. Spaces intended to be mechanically ventilated shall comply with the following:

1. If the occupancy of a building is changed and the new occupancy would require the same or a lesser amount of outdoor air based on the equations in Table 1008.3 below, no change to the mechanical ventilation system is required.

2. If the occupancy of a building is changed and the new occupancy would require a greater amount of outdoor air based on the equations in Table 1008.3 below, the HVAC system shall be upgraded to satisfy the requirements of Table 403.3.1.1 of the *Dallas Mechanical Code* for the new occupancy. As an alternative to providing the amount of outdoor air required by Table 403.3.1.1, the indoor air quality procedure of ASHRAE 62 can be used.
3. Residential buildings that are intended to be mechanically ventilated shall be provided with the ventilation specified in the *Dallas Mechanical Code*.
4. When the use of a building is changed to a health care facility, mechanical ventilation shall be provided as required by the *Dallas Mechanical Code*.

1008.4 Cooking equipment ventilation. A commercial hood and an automatic fire suppression system that comply with the *Dallas Mechanical Code* shall be required for commercial cooking equipment producing grease laden vapors, except in Use Groups R-2, R-3, and R-4. No suppression system shall be required for completely enclosed ovens, steam tables, or similar equipment.

Exception: Bed and breakfast homestay facilities, which are designed to accommodate five or fewer guests, shall not be required to comply with this provision.

1008.5 Special ventilation. All newly introduced devices, equipment, or operations that produce airborne particulates, odors, fumes, sprays, vapors, smoke, or gases in such quantities as to be irritating or injurious to health shall be provided with local exhaust in accordance with the *Dallas Mechanical Code*.

47. Section 1008, "Mechanical," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended by adding a new Table 1008.3, "Outdoor Air Rates Based On Occupancy Type," to read as follows:

"TABLE 1008.3	
Outdoor Air Rates Based on Occupancy Type	
Where the ventilation rates in Table 403.3.1.1 of the Dallas Mechanical Code are based on CFM/person	
(1) $OL_n \times V_n$ is less than or equal to $OL_e \times V_e$	No upgrade
(2) $OL_n \times V_n$ is greater than $OL_e \times V_e$	Upgrade
Where the ventilation rates in Table 403.3.1.1 of the Dallas Mechanical Code are based on CFM/square footage	
(3) $SF_n \times V_n$ is less than or equal to $SF_e \times V_e$	No upgrade
(4) $SF_n \times V_n$ is greater than $SF_e \times V_e$	Upgrade
Where the ventilation rates in Table 403.3.1.1 of the Dallas Mechanical Code are based on CFM/square footage and CFM/person	
(5) $OL_n \times V_n$ is less than or equal to $SF_e \times V_e$	No upgrade
(6) $OL_n \times V_n$ is greater than $SF_e \times V_e$	Upgrade
(7) $SF_n \times V_n$ is less than or equal to $OL_e \times V_e$	No upgrade
(8) $SF_n \times V_n$ is greater than $OL_e \times V_e$	Upgrade

Where:

OL_n = the occupant load of the proposed occupancy based on Table 403.3.1.1, *Dallas Mechanical Code*. When accepted by the administrative authority this occupant load can be reduced.

OL_e = the occupant load of the existing occupancy based on Table 403.3.1.1, *Dallas Mechanical Code*.

SF_n = the square footage of the proposed occupancy.

SF_e = the square footage of the existing occupancy.

V_n = the ventilation rate for the proposed occupancy based on Table 403.3.1.1, *Dallas Mechanical Code*.

V_e = the ventilation rate for the existing occupancy based on Table 403.3.1.1, *Dallas Mechanical Code*."

48. Subsection 1009.1, "Increased Demand," of Section 1009, "Plumbing," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended to read as follows:

"1009.1 Increased demand. Where the occupancy of an *existing building* or part of an *existing building* is changed such that the new occupancy is subject to increased or different plumbing fixture requirements or to increased water supply requirements, materials and installation methods shall comply with Section 503.3 of this code. [~~in accordance with the *International Plumbing Code*, the new occupancy shall comply with the intent of the respective *International Plumbing Code* provisions.~~]

Exception: Only where the occupant load of the story is increased by more than 20 percent, plumbing fixtures for the story shall be provided in quantities specified in the *Dallas [International] Plumbing Code* based on the increased occupant load."

49. Section 1009, "Plumbing," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended by adding a new Subsection 1009.6, "Plumbing Fixtures," to read as follows:

"1009.6 Plumbing fixtures. Plumbing fixtures shall be provided as follows: Where the *Dallas Plumbing Code* allows for the substitution or omission of fixtures, such substitutions or omissions shall also be permitted under this section.

1009.6.1 Plumbing fixture minimums. Where the building currently exceeds the basic requirements of Table 1009.6, the extent to which it exceeds shall not be reduced unless the building also exceeds the requirements of the *Dallas Plumbing Code*. In this case, the extent of compliance with the basic requirements may be reduced, but not below the requirements of the *Dallas Plumbing Code*.”

50. Section 1009, “Plumbing,” of Chapter 10, “Change of Occupancy,” of the 2021 International Existing Building Code is amended by adding a new Table 1009.6, “Number of Plumbing Fixtures Based on Occupancy Type,” to read as follows:

"TABLE 1009.6 Number of Plumbing Fixtures Based on Occupancy Type					
Group A-1					
Total Occupancy ^{a,b}	Water Closets Male	Water Closets Female	Lavatories	Drinking Water Facilities	Service Sinks
1-50	1 Unisex		1	1	1
51-100	1	1	1 per sex	1	1
101 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .				
Group A-2 Nightclubs					
Total Occupancy ^{a,b}	Water Closets Male	Water Closets Female	Lavatories	Drinking Water Facilities	Service Sinks
1-25	1 Unisex		1	0	0
26 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .				
Group A-2 other than Nightclubs (Auditoriums, museums, libraries, and similar facilities), Groups A-3 and A-4					
Total Occupancy ^{a,b,c}	Water Closets Male	Water Closets Female	Lavatories	Drinking Water Facilities	Service Sinks
1-50	1 Unisex		1	1	1
51-100	1	1	1	1 per sex	1
101 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .				
Restaurants					
Total Occupancy ^{a,b,c}	Water Closets Male	Water Closets Female	Lavatories	Drinking Water Facilities	Service Sinks
1-25	1 Unisex		1	0	0
26 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .				
For recreational facilities, passenger terminals and other buildings of Group A-2 other than Nightclubs, A-3 and A-4, plumbing fixtures shall be provided as required by Table 403.1 of the <i>Dallas Plumbing Code</i>.					
Group A-3 Places of Worship					
Total Occupancy ^{a,b}	Water Closets Male	Water Closets Female	Lavatories	Drinking Water Facilities	Service Sinks
1-50	1 Unisex		1	1	1
51-100	1	1	1	1 per sex	1

101 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .				
For Group A-5, plumbing fixtures shall be provided as required by Table 403.1 of the <i>Dallas Plumbing Code</i>.					
Group B					
	Total Occupancy^{a,b,c}	Water Closets	Lavatories	Drinking Water Facilities	Service Sinks
Employees	1-15	1 Unisex	1	1	1
	16 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Customers	1-25	1 Unisex	1	1	1
	26 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Group E					
Plumbing fixtures shall be provided as required by Table 403.1 of the <i>Dallas Plumbing Code</i>.					
Group F					
	Total Occupancy^{a,b}	Water Closets	Lavatories	Drinking Water Facilities	Service Sinks
Light Industrial	1-15	1 Unisex	1	1	1
	16 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Heavy Industrial		Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Group H					
	Total Occupancy^{a,b}	Water Closets	Lavatories	Drinking Water Facilities	Service Sinks
Light Industrial	1-15	1 Unisex	1	1	1
	16 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Heavy Industrial		Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Group I					
Plumbing fixtures shall be provided as required by Table 403.1 of the <i>Dallas Plumbing Code</i>.					
Group M					
	Total Occupancy^{a,b,c}	Water Closets	Lavatories	Drinking Water Facilities	Service Sinks
Employees	1-15	1 Unisex	1	1	1
	16 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Customers	1-25	1 Unisex	1	1	1
	26 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			
Group R-1, R-2 and R-4 plumbing fixtures shall be provided as required by Table 403.1 of the <i>Dallas Plumbing Code</i>.					
Group R-3: Each dwelling unit shall be provided with a minimum of one kitchen sink, one water closet, one lavatory, and one bathtub or shower or bathtub/shower combination.					
Group S					

	Total Occupancy	Water Closets	Lavatories	Drinking Water Facilities	Service Sinks
	1-15	1 Unisex	1	1	1
	16 and over	Fixtures to be provided as per Table 403.1 of the <i>Dallas Plumbing Code</i> .			

Note a. For purposes of determining the number of plumbing fixtures required, total occupancy shall be the anticipated occupancy of the building under normal use conditions. It is not necessarily the same as the total permitted occupant load based on egress capacity.

Note b. Requirements for employees and customers may be met with a single set of restrooms. The required number of fixtures shall be the greater of the required number for employees or customers.

Note c. Customer and employee facilities may be satisfied with a single unisex toilet facility where the number of employees does not exceed 15 and where the total occupancy does not exceed 25 or where the occupied floor area does not exceed 1,500 square feet."

51. Subsection 1010.1, "Light and Ventilation," of Section 1010, "Other Requirements," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended to read as follows:

"1010.1 Lighting [and ventilation]. Lighting [and ventilation] shall comply with the requirements of the *Dallas [International] Building Code* for the new occupancy.

1010.1.1 Ventilation. Ventilation shall comply with the requirements of Section 1008 of this code for the new occupancy.

52. Subsection 1011.1, "General," of Section 1011, "Change of Occupancy Classification," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended to read as follows:

1011.1 General. The provisions of this section shall apply to buildings or portions thereof undergoing a change of occupancy classification. This includes a change of occupancy classification within a group as well as a change of occupancy classification from one group to a different group or where there is a *change of occupancy* within a space where there is a different fire protection system threshold requirement in Chapter 9 of the *Dallas [International] Building Code*. Such buildings shall also comply with Sections 1002 through 1010 of this code.

1011.1.1 Change of use. Any work undertaken in connection with a change in use that involves a change of occupancy classification or a change to another group within an occupancy classification shall conform to the applicable requirements for the work as classified in Chapter 6 and the requirements of this section.

Exception: As modified in Section 1204 for historic buildings.

1011.1.2 Air-borne sound. All applicable buildings undergoing a change of occupancy classification shall comply with Section 903.5."

53. Section 1011, "Change of Occupancy Classification," of Chapter 10, "Change of Occupancy," of the 2021 International Existing Building Code is amended by adding a new Subsection 1011.9, "Fire Protection," to read as follows:

"1011.9 Fire protection. Fire protection must be provided in accordance with Section 1011.9.1 through 1011.9.9.

1011.9.1 Fire suppression. The fire suppression system requirements of Table 1011.9 shall apply in changes of use.

1011.9.2 Change to a higher hazard category. When a change of use is made to a higher hazard category as shown in Table 1011.9.1, the building shall be provided with an automatic fire suppression system as required by the Section 903 of the *Dallas Building Code*. When this section requires an automatic sprinkler system, compliance with 903.3 of the *Dallas Building Code* is also required.

1011.9.2.1 Windowless stories. Windowless stories or basements must comply with Section 903.2.11 if the story or basement is created by the work being performed or involves any existing windowless basement or story in which the work area exceeds 50 percent of the gross enclosed floor area of the windowless story.

1011.9.3 Change to portion of building with a separation. When a portion of a building is changed to a higher hazard category and the proposed use is separated from the existing use(s) by a fire barrier or horizontal assembly, or both, having a fire resistance rating in accordance with Table 508.4 of the *Dallas Building Code*, an automatic sprinkler system as required above shall be installed only in the portion changed. Mixed occupancies shall use the highest applicable rating from Table 508.4 of the *Dallas Building Code*.

1011.9.4 Change to an equal or lesser hazard category. When a change of use is made to an equal or lesser hazard category as shown in Table 1011.9.1, there is no requirement to install an automatic sprinkler system except in areas where work being performed in connection with the change of use triggers a requirement for an automatic sprinkler system and in windowless stories in accordance with Section 903.2.11 of the *Dallas Building Code*.

1011.9.5 Fire system supervision. When the use group of a building is changed and a fire suppression system is required by this section, the fire suppression system shall be supervised in accordance with Section 903 of the *Dallas Building Code*.

1011.9.6 Change in Sprinkler Standard Hazards. Notwithstanding the relative hazard as determined by Table 1011.9.1, when a change in the character of the use is made to a higher degree of hazard as defined by NFPA 13 (Light Hazard, Ordinary Hazard Group 1, Ordinary Hazard Group 2, Extra Hazard Group 1, Extra Hazard Group 2 and Special Occupancy Hazards), the sprinkler system shall be evaluated and, where required by NFPA 13, altered to conform to the required density and maximum sprinkler protection area per head for the proposed occupancy.

1011.9.7 Change from other uses to a dormitory use. Notwithstanding the relative hazard as determined by Table 1011.9.1 above, when a change in the group or a change in the character of the use is made to create a dormitory, the building or portion thereof is required to be provided with an automatic sprinkler system.

1011.9.8 Fire alarm/detection system. When a building or portion thereof changes in use, a fire alarm system and/or an automatic fire detection system shall be installed in accordance with Section 907 of the *Dallas Building Code*. Where a building or portion thereof changes in use, a fire alarm system and/or an automatic fire detection system shall be installed throughout the building in accordance with Section 907 of the *Dallas Building Code* unless the proposed use is separated from the other use(s) in the building by a *fire barrier* having a fire resistance rating in accordance with Table 508.4 of the *Dallas Building Code* in which case only the portion changed shall comply. Mixed occupancies shall comply with the highest applicable rating from Table 508.4. No openings are allowed in the *fire barrier*.

1011.9.9 Fire alarm/detection system with mixed use nonresidential and residential. Where the use of a portion of a building is changed such that any nonresidential use is located below one or more dwelling units (including single room occupancies), single or multiple station smoke alarms shall be installed in the nonresidential portion(s) of the building in accordance with NFPA 72 and provided with an audible alarm located within each dwelling unit of the residential portion of the building. The alarms shall be AC powered with battery back-up. Hard-wired, interconnected smoke alarms installed throughout the building shall be accepted as meeting this requirement.”

54. Section 1011, “Change of Occupancy Classification,” of Chapter 10, “Change of Occupancy,” of the 2021 International Existing Building Code is amended by adding a new Table 1011.9.1, “Hazard Categories and Classifications Automatic Sprinkler Systems,” to read as follows:

“TABLE 1011.9.1 Hazard Categories and Classifications Automatic Sprinkler Systems	
Relative Hazard	Use Classification
1 (highest)	A-2 Nightclubs, H, I
2	A-2 (other than nightclubs), R-1, R-2
3	A-1, A-3 (other than churches), A-4
4	F-1, M, S-1
5	A-4, A-3 Churches, E
6 (lowest)	A-5, B, F-2, R-3, R-4, S-2, U”

55. Section 1011, “Change of Occupancy Classification,” of Chapter 10, “Change of Occupancy,” of the 2021 International Existing Building Code is amended by adding a new Subsection 1011.10, “Structural,” to read as follows:

“1011.10 Structural.

1011.10.1 Structural requirements. The structural requirements of Table 1011.10.1 shall apply in changes of use.

1011.10.2 Change to a higher hazard category. When the use or the character of use of a building is changed to a higher load category as shown in Table 1011.10.1 above, then the structure shall be capable of supporting the load requirement for the new use or character of use as specified in Table 1607.1 of the *Dallas Building Code*.

1011.10.2.1 Use limitation option. If the building official determines that the number of occupants or the placement and weight of furniture and equipment can be controlled by the occupants, the areas designed for the reduced live load shall be posted with the approved live load. Placards stating the allowable live loads shall be posted. Placards may state loads in forms usable by the occupants, in addition to posting the allowable load in pounds per square foot. Such information shall be developed by a licensed design professional and be approved by the building official.

1011.10.2.2 Evaluation methods. Analysis and test methods for evaluation of existing structural members shall use methods specified in effect at the time the building was originally constructed, or other standards as approved by the building official.

1011.10.2.3 Corridors and lobbies. The corridor and lobby loading requirements of Table 1607.1 shall be met only if the corridor exceeds six feet in width or if the lobby or corridor area is used for queuing purposes.

1011.10.3 Change to an equal or lesser hazard category. Where the use or character of use within an existing building is changed to an equal or lower load category as shown in Table 1011.10.1 above, then the existing structure may be used without modification, provided that the building is structurally sound and in good structural repair.

1011.10.3.1 Essential facilities risk category. When a building is reclassified into one of the following occupancies, the building shall comply with the seismic design requirements of Section 1613 of the *Dallas Building Code*: Fire, rescue and police stations; Group I-2 having surgery or emergency treatment facilities; emergency preparedness centers; post-earthquake recovery vehicle garages; post-earthquake shelters; power-generating stations and other utilities required as emergency backup facilities; primary communication facilities; highly toxic materials as defined by Section 307 of the *Dallas Building Code* where the quantity of material exceeds the exempt amount as per Section 307.1 of the *Dallas Building Code*.”

56. Section 1011, “Change of Occupancy Classification,” of Chapter 10, “Change of Occupancy,” of the 2021 International Existing Building Code is amended by adding a new Table 1011.10.1, “Structural Load Categories,” to read as follows:

“TABLE 1011.10.1 Structural Load Categories	
Load Category	Use or Character of Use
1 (highest)	F-1, F-2, S-1, S-2, stack areas in libraries, stages and platforms, areas subject to vehicular loads, queuing areas
2	All loading conditions not listed in category 1 or 3
3 (lowest)	B, E, I, R-1, R-2, R-3, R-4”

57. Subsection 1102.2, “Area Limitations,” of Section 1102, “Heights and Areas,” of Chapter 11, “Additions,” of the 2021 International Existing Building Code is amended to read as follows:

“1102.2 Area limitations. An *addition* shall not increase the area of an *existing building* beyond that permitted under the applicable provisions of Chapter 5 of the *Dallas [International] Building Code* for new buildings unless fire separation as required by the *Dallas [International] Building Code* is provided.

Exceptions:

- 1. In-filling of floor openings and nonoccupiable appendages such as elevator and exit stairway shafts shall be permitted beyond that permitted by the *Dallas [International] Building Code*.

2. Existing one- and two-story buildings shall be allowed to have a floor area expansion equal to 25 percent of the existing floor area, not to exceed an area of 125 percent of that permitted by Section 506 of the *Dallas Building Code* without providing fire separation.

1102.2.1 Fire separations. Where fire separations are utilized to allow additions without exceeding the allowable area provisions of Chapter 5 of the *Dallas Building Code* for either the existing building or the new addition, the decreased clear space where the two buildings adjoin shall be accounted for in such calculation relative to the allowable frontage increase.

58. Subsection 1102.3, "Fire Protection Systems," of Section 1102, "Heights and Areas," of Chapter 11, "Additions," of the 2021 International Existing Building Code is amended to read as follows:

"1102.3 Fire protection systems. Existing fire protection areas increased by the *addition* shall comply with this chapter and [9-0f] the *Dallas [International] Building Code* for buildings that are under the jurisdiction of the *Dallas Building Code*. Existing fire areas greater than 7500 square feet that are increased by the addition shall comply with Section 313 of the *Dallas One-and Two-Family Dwelling Code* for buildings under the jurisdiction of the *Dallas One-and Two-Family Dwelling Code*.

Exceptions:

1. An automatic sprinkler system shall not be required in Group R-3 occupancies under the jurisdiction of the *Dallas Building Code* where the addition is less than 50 percent of the building area of the existing building and the water service is not being replaced.
2. An automatic sprinkler system shall not be required for buildings under the jurisdiction of the *Dallas One-and Two-Family Dwelling Code* where the addition is less than 50 percent of the building area of the existing building and the water service is not being replaced.
3. An automatic sprinkler system shall not be required in Group R-3 occupancies under the jurisdiction of the *Dallas Building Code* where the existing water service cannot provide adequate flow and pressure without the installation of a tank or pump, unless the water service is otherwise being replaced.

4. An automatic sprinkler system shall not be required for buildings under the jurisdiction of the *Dallas One-and Two-Family Dwelling Code* where the existing water service cannot provide adequate flow and pressure without the installation of a tank or pump, unless the water service is otherwise being replaced.

1102.3.1 Additional fire protection systems. Fire access and fire hydrant requirements shall comply with the *Dallas Fire Code*.”

59. Subsection [BS] 1103.3, “Flood Hazard Areas,” of Section 1103, “Structural,” of Chapter 11, “Additions,” of the 2021 International Existing Building Code is amended to read as follows:

“[BS] 1103.3 **Flood hazard areas.** *Additions and foundations in flood hazard areas* shall comply with the following requirements:

Exception: Buildings and structures constructed and elevated as required by floodplain regulations in Article V of the *Dallas Development Code*.

1. For horizontal *additions* that are structurally interconnected to the *existing building*:
 - 1.1. If the *addition* and all other proposed work, when combined, constitute *substantial improvement*, the *existing building* and the *addition* shall comply with Section 1612 of the *Dallas [International] Building Code*, or Section R322 of the *Dallas One- and Two-Family Dwelling [International Residential] Code*, as applicable.
 - 1.2. If the *addition* constitutes *substantial improvement*, the *existing building* and the *addition* shall comply with Section 1612 of the *Dallas [International] Building Code*, or Section R322 of the *Dallas One- and Two-Family Dwelling [International Residential] Code*, as applicable.
2. For horizontal *additions* that are not structurally interconnected to the *existing building*:
 - 2.1. The *addition* shall comply with Section 1612 of the *Dallas [International] Building Code*, or Section R322 of the *Dallas One- and Two-Family Dwelling [International Residential] Code*, as applicable.
 - 2.2. If the *addition* and all other proposed work, when combined, constitute *substantial improvement*, the *existing building* and the *addition* shall comply with Section 1612 of the *Dallas [International] Building Code*, or Section R322 of the *Dallas One- and Two-Family Dwelling [International Residential] Code*, as applicable.

3. For vertical *additions* and all other proposed work that, when combined, constitute *substantial improvement*, the *existing building* shall comply with Section 1612 of the Dallas [International] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [International-Residential] Code, as applicable.
4. For a raised or extended foundation, if the foundation work and all other proposed work, when combined, constitute *substantial improvement*, the *existing building* shall comply with Section 1612 of the Dallas [International] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [International-Residential] Code, as applicable.
5. For new foundation or replacement foundation, the foundation shall comply with Section 1612 of the Dallas [International] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [International-Residential] Code, as applicable.”
60. Subsection [BS] 1201.2, “Report,” of Section 1201, “General,” of Chapter 12, “Historic Buildings,” of the 2021 International Existing Building Code is amended to read as follows:

“**[BS] 1201.2 Report.** A historic building undergoing *alteration* or *change of occupancy* shall be investigated and evaluated. A meeting shall be held with the code official at which time a decision will be made on the preparation of a written report. ~~If a report is required, it [is intended that the building meet the requirements of this chapter, a written report]~~ shall be prepared and filed with the building [code] official by a *registered design professional* ~~[where such a report is necessary in the opinion of the code official]~~. Such report shall be in accordance with Section 104 of Chapter 52, “Administrative Procedures for the Construction Codes,” of the Dallas City Code, [1] and shall identify each required safety feature that is in compliance with this chapter and where compliance with other chapters of these provisions would be damaging to the contributing historic features. For buildings assigned to Seismic Design Category D, E or F, a structural evaluation describing, at a minimum, the vertical and horizontal elements of the lateral force-resisting system and any strengths or weaknesses therein shall be prepared. Additionally, the report shall describe each feature that is not in compliance with these provisions and shall indicate why and demonstrate equivalencies and alternate means of compliance ~~[how the intent of these provisions is complied with in providing an equivalent level of safety].”~~

61. Subsection [BS] 1201.4, “Flood Hazard Areas,” of Section 1201, “General,” of Chapter 12, “Historic Buildings,” of the 2021 International Existing Building Code is amended to read as follows:

~~“[BS] 1201.4 Flood hazard areas. In flood hazard areas, [if] all proposed work, including rehabilitation and [repairs,] work required because of a change of occupancy[; and alterations, constitutes substantial improvement, then the existing building] shall comply with Article V, “Flood Plain and Escarpment Zone Regulations” [Section 1612] of the Dallas Development [International Building] Code[; or Section R322 of the International Residential Code, as applicable].~~

~~Exception: [If a historic building will continue to be a historic building after the proposed work is completed, then the p]Proposed work [is not considered a substantial improvement] that is part of a building which maintains a historic designation in accordance with Section 202 of this code and the Dallas Development Code. [For the purposes of this exception, a historic building is any of the following:~~

- ~~1. Listed or preliminarily determined to be eligible for listing in the National Register of Historic Places;~~
- ~~2. Determined by the Secretary of the US Department of Interior to contribute to the historical significance of a registered historic district or a district preliminarily determined to qualify as a historic district;~~
- ~~3. Designated as historic under a state or local historic preservation program that is approved by the Department of Interior.]”~~

62. Subsection 1202.2, “Replacement,” of Section 1202, “Repairs,” of Chapter 12, “Historic Buildings,” of the 2021 International Existing Building Code is amended to read as follows:

“1202.2 Replacement. Replacement of existing or missing features using original materials shall be permitted. Partial replacement for *repairs* that match the original in configuration, height and size shall be permitted.

Replacement glazing in hazardous locations shall comply with the safety glazing requirements of Chapter 24 of the *Dallas [International] Building Code*.

Exceptions:

1. Glass block walls, louvered windows and jalousies repaired with like materials.
2. Replacement glazing used with approved safety films or approved Plexiglass.”

63. Subsection 1203.11, "Exit Signs," of Section 1203, "Fire Safety," of Chapter 12, "Historic Buildings," of the 2021 International Existing Building Code is amended to read as follows:

"1203.11 Exit signs. Where exit sign or egress path marking location would damage the historic character of the building, alternative exit signs are permitted with approval of the *code official*. Alternative illuminated signs shall identify the exits and egress path."

64. Subsection 1204.9, "Interior Finishes," of Section 1204, "Change of Occupancy," of Chapter 12, "Historic Buildings," of the 2021 International Existing Building Code is amended to read as follows:

"1204.9 Interior finishes. Where interior finish materials are required to comply with the fire test requirements of Section 803.1 of the *Dallas [International] Building Code*, existing nonconforming materials shall be permitted to be surfaced with an *approved* fire-retardant coating to achieve the required classification. Compliance with this section shall be demonstrated by testing the fire-retardant coating on the same material and achieving the required fire classification. Where the same material is not available, it shall be permitted to test on a similar material.

Exception: Existing nonconforming materials need not be surfaced with an *approved* fire-retardant coating where the building is equipped throughout with an automatic sprinkler system installed in accordance with the *Dallas [International] Building Code* and the nonconforming materials can be substantiated as being a [historic-in] character-defining feature."

65. Subsection 1204.11, "Stairways and Guards," of Section 1204, "Change of Occupancy," of Chapter 12, "Historic Buildings," of the 2021 International Existing Building Code is amended to read as follows:

"1204.11 Stairways and guards. Existing stairways shall comply with the requirements of ~~[these provisions. The code official shall grant alternatives for stairways and guards if alternative stairways are found to be acceptable or are judged to meet the intent of these provisions. Existing stairways shall comply with]~~ Section 1203.

Exception: For buildings less than 3,000 square feet (279 m²), existing conditions are permitted to remain at all stairways and guards."

66. Subsection 1204.12, "Exit Signs," of Section 1204, "Change of Occupancy," of Chapter 12, "Historic Buildings," of the 2021 International Existing Building Code is amended to read as follows:

"1204.12 Exit signs. The *code official* may accept alternative exit sign locations where the location of such signs would have an adverse impact on the [~~damage the historic~~] character-defining features of the building or structure. Such signs shall identify the exits and exit path."

67. Subsection 1204.14, "Natural Light," of Section 1204, "Change of Occupancy," of Chapter 12, "Historic Buildings," of the 2021 International Existing Building Code is amended to read as follows:

"1204.14 Natural light. Where it is determined by the *code official* that compliance with the natural light requirements of Section 1010.1 will lead to loss of [~~historic~~] character-defining features or historic materials in the building, the existing level of natural lighting shall be considered to be acceptable."

68. Paragraph 1301.3.2, "Compliance With Other Codes," of Subsection 1301.3, "Acceptance," of Section 1301, "General," of Chapter 13, "Performance Compliance Methods," of the 2021 International Existing Building Code is amended to read as follows:

"1301.3.2 Compliance with other codes. Buildings that are evaluated in accordance with this section shall comply with the Dallas [~~International~~] Fire Code and Chapter 27, "Minimum Property Standards," of the Dallas City [~~International Property Maintenance~~] Code."

69. Paragraph [BS] 1301.3.3, "Compliance With Flood Hazard Provisions," of Subsection 1301.3, "Acceptance," of Section 1301, "General," of Chapter 13, "Performance Compliance Methods," of the 2021 International Existing Building Code is amended to read as follows:

"[BS] 1301.3.3 Compliance with flood hazard provisions. In *flood hazard areas*, buildings that are evaluated in accordance with this section shall comply with Section 1612 of the Dallas [~~International~~] Building Code, or Section R322 of the Dallas One- and Two-Family Dwelling [~~International Residential~~] Code, as applicable, if the work covered by this section constitutes *substantial improvement*."

Exception: Buildings and structures constructed and elevated as required by floodplain regulations in Article V of the *Dallas Development Code*.”

70. Chapter 14, “Relocated or Moved Buildings,” of the 2021 International Existing Building Code is retitled as Chapter 14, “Relocated or Moved Buildings Without Historic Designation.”

71. Section 1401, “General,” of Chapter 14, “Relocated or Moved Buildings Without Historic Designation,” of the 2021 International Existing Building Code is amended to read as follows:

**“SECTION 1401
GENERAL**

1401.1 Scope. This chapter provides requirements for relocated or moved structures, including *relocatable buildings* as defined in Chapter 2.

1401.1.1 Bleachers, grandstands and folding and telescopic seating. Relocated or moved bleachers, grandstands and folding and telescopic seating shall comply with ICC 300.

1401.2 Conformance. The building shall be safe for human occupancy as determined by the *Dallas [International] Fire Code* and Chapter 27, “Minimum Urban Rehabilitation Standards,” of the *Dallas City [International Property Maintenance] Code*. Any repair, alteration or change of occupancy undertaken within the moved structure shall comply with the requirements of this code applicable to the work being performed. Any field fabricated elements shall comply with the requirements of the *Dallas [International] Building Code* or the *Dallas One- and Two-Family Dwelling [International Residential] Code*, as applicable.

1401.3 Buildings moved from sites outside the city. All buildings moved into the corporate limits of the city of Dallas from sites outside the city shall comply with the requirements for new buildings.

Exception: Industrialized buildings in compliance with the Texas Industrialized Housing and Building Act (Article 5221f-1, Vernon’s Texas Civil Statutes), as amended, and the rules promulgated by the Texas Department of Licensing and Regulation under the act and contained in Chapter 70, *Texas Administrative Code*, as amended, and this chapter as applicable.

1401.4 Buildings moved between sites within the city. All legally existing buildings moved between sites within the corporate limits of the city of Dallas and building relocations occurring on the same site shall comply with the requirements of this section.

1401.4.1 Moved building with change to equal or lesser relative hazard(s). Moved buildings in which a change of use is made to an equal or lesser relative use group hazard as shown in Table 1001.2.3 shall comply with the applicable provisions of this code for the work as classified in Chapter 6 and the requirements of Sections 1002 through 1010 and Section 1001.2.3.1.

1401.4.2 Moved building with change to a greater relative hazard(s). A moved building or portion thereof may have its use changed to a higher relative group hazard as shown in Table 1001.2.3 provided it complies with the provisions of this chapter and Section 1001.2.4 for the new occupancy group, applied throughout the building, or an applicable portion thereof.”

72. Subsection 1402.1, “Location on the Lot,” of Section 1402, “Requirements,” of Chapter 14, “Relocated or Moved Buildings Without Historic Designation,” of the 2021 International Existing Building Code is amended to read as follows:

“1402.1 Location on the lot. The building shall be located on the lot in accordance with the requirements of the *Dallas [International] Building Code* or the *Dallas One- and Two-Family Dwelling [International-Residential] Code* and in accordance with *Dallas Fire Code* access requirements as applicable.”

73. Subsection [BS] 1402.6, “Flood Hazard Areas,” of Section 1402, “Requirements,” of Chapter 14, “Relocated or Moved Buildings Without Historic Designation,” of the 2021 International Existing Building Code is amended to read as follows:

“[BS]1402.6 Flood hazard areas. If relocated or moved into a *flood hazard area*, structures shall comply with Section 1612 of the *Dallas [International] Building Code*, or Section R322 of the *Dallas One- and Two-Family Dwelling [International-Residential] Code*, as applicable.

Exception: Buildings and structures constructed and elevated as required by floodplain regulations in Article V of the *Dallas Development Code*.”

74. Chapter 15, “Construction Safeguards,” of the 2021 International Existing Building Code is deleted and replaced with a new Chapter 15, “Construction Safeguards,” to read as follows:

**“CHAPTER 15
CONSTRUCTION SAFEGUARDS**

**SECTION 1501
GENERAL**

1501.1 Scope. The provisions of Chapter 33 of the *Dallas Building Code* shall govern safety during construction that is under the jurisdiction of this code and the protection of adjacent public and private properties.”

75. The user note to Chapter 16, “Referenced Standards,” of the 2021 International Existing Building Code is amended to read as follows:

“User note:

About this chapter: This code contains numerous references to standards that are used to regulate materials and methods of construction. Chapter 16 contains a comprehensive list of all standards that are referenced in the code, including the appendices. The standards are part of the code to the extent of the reference to the standard. Compliance with the referenced standard is necessary for compliance with this code. By providing specifically adopted standards, the construction and installation requirements necessary for compliance with the code can be readily determined. The basis for code compliance is, therefore, established and available on an equal basis to the building code official, contractor, designer and owner.

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standards shall be as specified in Section 101.4 of Chapter 52, “Administrative Procedures for the Construction Codes,” of the Dallas City Code [402.4].

The referenced standards are applicable only with the associated edition of the International Codes referenced herein as amended.

The referenced edition of the 2015 International Codes are applicable until superceded by the adoption of the 2021 edition of the International Codes.”

76. The ASME standards in Chapter 16, “Referenced Standards,” of the 2021 International Existing Building Code are amended to read as follows:

“ASME

American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016

(2015 Ed.) A17.1-2013/CSA B44-13: Safety Code for Elevators and Escalators

(2021 Ed.) A17.1-2019/CSA B44-19: Safety Code for Elevators and Escalators
306.7.7, 902.1.2

A17.3-2020: Safety Code for Existing Elevators and Escalators
902.1.2

(2015 Ed.) A18.1-2008: Safety Standard for Platform Lifts and Stairway Chair Lifts

(2021 Ed.) A18.1-2020: Safety Standard for Platform Lifts and Stairway Chair Lifts
306.7.8”

77. The ASTM standards in Chapter 16, “Referenced Standards,” of the 2021 International Existing Building Code are amended to read as follows:

“ASTM

ASTM International
100 Barr Harbor Drive, P.O. Box C700
West Conshohocken, PA 19428-2959

(2015 Ed.) C94/C94M-13: Specification for Ready-mixed Concrete

(2021 Ed.) C94/C94M-17A: Specification for Ready-mixed Concrete
109.3.1

(2015 Ed.) E108-11: Test Methods for Fire Tests of Roof Coverings

(2021 Ed.) E108-17: Standard Test Methods for Fire Tests of Roof Coverings
1204.5

(2015 Ed.) E136-12: Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C

(2021 Ed.) E136-16A: Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C
202

(2015 Ed.) F2006-00 (2005) 10: Standard/Safety Specification for Window Fall Prevention Devices for Nonemergency Escape (Egress) and Rescue (Ingress) Windows

(2021 Ed.) F2006-17: Standard Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows
505.2, 702.4

(2015 Ed.) F2090-10: Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms

(2021 Ed.) F2090-17: Standard Specification for Window Fall Prevention Devices with Emergency (Egress) Release Mechanisms

505.2, 505.3.1, 702.4, 702.5.1”

78. The ICC standards in Chapter 16, “Referenced Standards,” of the 2021 International Existing Building Code are amended to read as follows:

“ICC

International Code Council, Inc.
500 New Jersey Avenue NW 6th Floor
Washington, DC 20001

IBC-15: International Building Code[®]**IBC-21: International Building Code**[®]

101.4.1, 104.2.1, [~~106.2.2, 109.3.3, 109.3.6, 109.3.9, 109.3.10, 110.2~~], 202, 301.3, 302.2, 302.4.1, 302.5, 303.1, 303.2.2, 304.1, 304.3.1, 304.3.2, 305.1, 306.5, 306.7, 306.7.2, 306.7.4, 306.7.5, 306.7.9, 306.7.10, 306.7.10.1, 306.7.10.2, 306.7.10.3, 306.7.11, 306.7.12, 306.7.13, 306.7.15, 306.7.16, 306.7.16.3, 306.7.16.4, 306.7.16.5, 306.7.16.7, 309.2, 401.3, 402.1, 405.2.1.1, 405.2.3.1, 405.2.3.3, 405.2.4, 405.2.5, 405.2.6, 501.2, 502.1, 502.3, 502.4, 502.5, 503.1, 503.2, 503.3, 503.4, 503.5, 503.11, 503.12, 503.13, 503.14, 503.15, 503.17, 503.18, 505.3, 505.4, 506.1, 506.3, 506.4, 506.5.1, 506.5.2, 506.5.3, 506.5.4, 507.3, 701.2, 701.3, 702.1, 702.2, 702.3, 702.5, 702.6, 702.7, 704.1.1, 704.3, 704.4, 705.1, 705.2, 706.2, 706.3.2, 802.2.1, 802.2.3, 802.3, 802.4, 802.5.2, 802.6, 802.6, 803.1.1, 803.2, 803.2.2, 803.2.3, 803.2.4, 803.2.5, 803.3, 804.1, 804.4.1, [~~804.4.1.1, Table 804.4.1.1(1)~~], 804.4.1.2.1, 804.5.1.2, 804.5.3, 804.5.4, 804.5.5, 804.6, 804.7, 804.8.1, 804.9.1, 804.10.2, 804.11, 804.12.2, 805.2, 805.3, 805.4, 902.1, 904.1.1, 904.1.1.1, 904.1.1.2, 904.1.1.3, 904.1.2, 904.1.3, 904.1.4, 904.1.6, 904.1.7, 904.2, 904.2.1, 904.2.2, 905.2, 905.3, 905.4, 906.2, 906.3, 906.6, 1001.2, 1001.3, 1002.1, 1002.2, 1002.3, 1002.4, 1004.1, 1006.1, 1006.2, 1006.3, 1006.4, 1010.1, 1011.1, 1011.2.1, 1011.2.2, 1011.3, 1011.5.1, 1011.5.2, 1011.5.3, 1011.5.6, 1011.6.1, 1011.6.1.1, 1011.6.3, 1011.7.1, 1011.7.2, 1011.7.3, 1011.8.1, 1011.8.2, 1011.8.3, 1102.1, 1102.2, 1102.2.1, 1102.3, 1103.1, 1103.2, 1103.3, 1201.4, 1202.2, 1203.12, 1204.2, 1204.9, 1206.1, 1301.2.2, 1301.2.3, 1301.2.4, 1301.3.3, 1301.4.1, 1301.6.1, 1301.6.1.1, 1301.6.2, 1301.6.2.1, 1301.6.3.2, 1301.6.3.3, 1301.6.4.1, 1301.6.5, 1301.6.5.1, 1301.6.6, 1301.6.7.1, 1301.6.8, 1301.6.9, 1301.6.9.1, 1301.6.10, 1301.6.10.1, 1301.6.11, 1301.6.11.1, 1301.6.12.1, 1301.6.13, Table 1301.6.15, 1301.6.15.1, 1301.6.16.1, 1301.6.17, 1301.6.17.1, 1301.6.18, 1301.6.18.1, 1301.6.19, Table 1301.6.19, 1301.6.20, 1301.6.20.1, 1301.9.1, 1401.2, 1402.1, 1402.2, 1402.2.1, 1402.3, 1402.4, 1402.5, 1402.6, ~~1501.5, 1501.6.1, 1501.6.4.1, 1501.6.7, 1506.1, 1506.3, 1507.1~~]

ICC 300-17: ICC Standard on Bleachers, Folding and Telescopic Seating and Grandstands
301.1.1

ICC 500-20: ICC Standard for the Design and Construction of Storm Shelters
303.1, 303.2

ICC A117.1-17: ICC Accessible and Usable Buildings and Facilities
306.3, 306.7, 306.7.11, 306.7.12

IECC-15: International Energy Conservation Code[®]**IECC-21: International Energy Conservation Code**[®]

302.2, 702.7, 708.1, 809.1, 907.1, 1104.1

IFC-15: International Fire Code[®]**IFC-21: International Fire Code**[®]

101.2.1, 101.4.2, 301.3.1, 302.2, 307.1, 308.1, 702.7, 802.2.1, 802.2.3, 803.2.3, 803.4.1.1, 803.4.1.2, 803.4.1.3, 803.4.1.4, 803.4.1.5, 803.4.1.6, 803.4.1.7, 803.4.1.8, 904.1.5, 1011.6.1.1, 1102.3.1, 1301.3.2, 1301.6.8.1, 1301.6.14, 1301.6.14.1, 1401.2, 1501.5, 1504.1, 1504.2

IFGC-15: International Fuel Gas Code[®]

IFGC-21: International Fuel Gas Code[®]

30M.2, 702.7, [~~702.7.1~~]

IMC-15: International Mechanical Code[®]

IMC-21: International Mechanical Code[®]

302.2, 702.7, 807.1, 902.1.1, 1008.1, 1008.3, Table 1008.3, 1008.4, 1008.5, 1301.6.7.1, 1301.6.8, 1301.6.8.1

IPC-15: International Plumbing Code[®]

IPC-21: International Plumbing Code[®]

302.2, 408.1, 702.7, 1009.1, 1009.2, 1009.3, 1009.5, 1009.6, Table 1009.6, 1009.6.1, 1501.7

IPMC-15: International Property Maintenance Code[®]

IPMC-21: International Property Maintenance Code[®]

101.4.2, 302.2, 1301.3.2, 1401.2

IRC-15: International Residential Code[®]

IRC-21: International Residential Code[®]

101.2, 101.4.1, [~~104.2.1, 109.3.3, 109.3.10~~] 302.2, 307.1, 308.1, 401.3, 402.1, 405.2.6, 502.3, 502.4, 502.5, 503.2, 503.3, 503.11, 505.2, 505.3, 507.3, 701.3, 702.4, 702.5, 702.7, 706.2, 708.1, 805.2, 806.4, 809.1, 906.2, 907.1, 1011.2.1, 1102.3, 1103.1, 1103.2, 1103.3, 1104.1, 1201.4, 1301.2.2, 1301.2.3, 1301.3.3, 1401.2, 1402.1, 1402.2, 1402.2.1, 1402.3, 1402.4, 1402.5, 1402.6”

79. The NFPA standards in Chapter 16, “Referenced Standards,” of the 2021 International Existing Building Code are amended to read as follows:

“NFPA

National Fire Protection Agency
1 Batterymarch Park
Quincy, MA 02269-9101

(2015 Ed.) NFPA 13R—13 : Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height

(2021 Ed.) NFPA 13R—19 : Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height

803.2.6, [~~803.2.4~~]

(2015 Ed.) NFPA 70—17 : National Electrical Code

(2021 Ed.) NFPA 70—20 : National Electrical Code

[~~107.3~~] 302.2, 406.1.1, 406.1.2, 406.1.3, 406.1.5, 702.7, 806.1, 806.4.4, 1007.1, 1007.2, 1007.3, 1007.4

(2015 Ed.) NFPA 72—13: National Fire Alarm Code

(2021 Ed.) NFPA 72—19 : National Fire Alarm and Signaling Code

803.2.6, 803.4

(2015 Ed.) NFPA 99—15 : Health Care Facilities

(2021 Ed.) NFPA 99—21 : Health Care Facilities Code

302.2.1, 406.1.4, 408.3, 501.3, 707.1, 806.3, 808.1, 1007.1

(2015 Ed.) NFPA 101—15: Life Safety Code

(2021 Ed.) NFPA 101—21: Life Safety Code

804.2”

80. Appendices A, B, C and D of the 2021 International Existing Building Code are deleted.

81. All chapters of the 2021 International Existing Building Code adopted by this ordinance are subchapters of Chapter 58 of the Dallas City Code, as amended.

82. All references in the 2021 International Existing Building Code to the fire code, building code, plumbing code, mechanical code, electrical code, residential code, energy conservation code, fuel gas code, green construction code, and swimming pool and spa code refer, respectively, to Chapters 16, 53, 54, 55, 56, 57, 59, 60, 61, and 62 of the Dallas City Code.

SECTION 2. That a person violating a provision of this ordinance, upon conviction, is punishable by a fine not to exceed \$2,000.

SECTION 3. That if any provision contained in Chapters 52, 53, 54, 55, 56, 57, 59, 60, 61, and 62 relating to the construction, enlargement, alteration, repair, demolition, use, and maintenance of construction, plumbing, mechanical, and electrical work in the city on existing buildings is in conflict with any provision of Chapter 58, as adopted by this ordinance, the provisions of Chapter 58 will prevail unless the building owner chooses to use Chapters 52, 53, 54, 55, 56, 57, 59, 60, 61, and/or 62 except that any existing structure or system that is not required to come into compliance with a requirement of Chapter 58, as enacted by this ordinance, will be governed by the requirement as it existed in the former law last applicable to the structure or


system, and all former laws will continue in effect for this purpose. Further, no offense committed and no liability, penalty, or forfeiture, either civil or criminal, incurred prior to the effective date of this ordinance will be discharged or affected by this ordinance. Prosecutions and suits for such offenses, liabilities, penalties, and forfeitures may be instituted, and causes of action pending on the effective date of this ordinance may proceed, as if the former laws applicable at the time the offense, liability, penalty, or forfeiture was committed or incurred had not been amended, repealed, reenacted, or superseded, and all former laws will continue in effect for these purposes.

SECTION 4. That the terms and provisions of this ordinance are severable and are governed by Section 1-4 of Chapter 1 of the Dallas City Code, as amended.

SECTION 5. That this ordinance will take effect on June 13, 2022, and it is accordingly so ordained.

APPROVED AS TO FORM

CHRISTOPHER J. CASO, City Attorney

BY 
Assistant City Attorney

Passed MAY 11 2022



PROOF OF PUBLICATION – LEGAL ADVERTISING

The legal advertisement required for the noted ordinance was published in the Dallas Morning News, the official newspaper of the city, as required by law, and the Dallas City Charter, Chapter XVIII, Section 7.

DATE ADOPTED BY CITY COUNCIL MAY 11 2022

ORDINANCE NUMBER 32201

DATE PUBLISHED MAY 14 2022

ATTESTED BY: