

## Exhibit A

### TOWN OF PROSPER AMENDMENTS

#### 2015 INTERNATIONAL BUILDING CODE

The following additions, deletions, and amendments to the 2015 International Building Code adopted herein are hereby approved and adopted.

**Section [A] 101.1 Title** of the 2015 International Building Code is amended to read as follows:

**[A] 101.1 Title.** These regulations shall be known as the Building Code of The Town of Prosper hereinafter referred to as “this code.”

**Section [A] 101.4 Referenced codes** of the 2015 International Building Code is amended to read as follows:

**[A] 101.4 Referenced codes.** The other codes listed in Sections 101.4.1 through 101.4.8 and referenced elsewhere in this Code, when specifically adopted, shall be considered part of the requirements of this Code to the prescribed extent of each such reference. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the Electrical Code shall mean the Electrical Code as adopted.

**Section [A] 101.4 Referenced codes** of the 2015 International Building Code is amended by adding **[A] Section 101.4.8 Electrical** to read as follows:

**[A] 101.4.8 Electrical.** The provisions of the Electrical Code shall apply to the installation of electrical systems including alterations, repairs, replacement, equipment, appliances, fixtures, fittings, and appurtenances thereto.

**Section 103 DEPARTMENT OF BUILDING SAFETY** and **Section [A] 103.1 Creation of enforcement agency** of the 2015 International Building Code is amended to insert the Department Name to read as follows:

#### **BUILDING INSPECTION DIVISION OF THE TOWN OF PROSPER**

**[A] 103.1 Creation of enforcement agency.** The BUILDING INSPECTION DIVISION OF THE TOWN OF PROSPER is hereby created and the official in charge thereof shall be known as the Building Official.

**Section [A] 104.2.1 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas.** *(Jurisdictions may consider the option to amend or delete depending on local enforcement and flood hazard ordinances.)*

**Section [A] 104.10.1 Flood hazard areas.** *(Jurisdictions may consider the option to amend or delete depending on local enforcement and flood hazard ordinances.)*

**Section [A] 105.2 Work exempt from permit** of the 2015 International Building Code is amended to read as follows:

**[A] 105.2 Work exempt from permit.** Exemptions from permit requirements of this Code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this Code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

**Building:**

1. Oil derricks.
2. Retaining walls that are not over four feet (4') (610 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II, or IIIA liquids.
3. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18 925 L) and the ratio of height to diameter or width does not exceed 2:1.
4. Painting, papering, tiling, carpeting, cabinets, counter tops, and similar finish work.
5. Temporary motion picture, television, and theater stage sets and scenery.
6. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than twenty-four inches (24") (610 mm) deep, do not exceed 5,000 gallons (18 925 L), and are installed entirely above ground.
7. Swings and other playground equipment accessory to detached one- and two-family dwellings.
8. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that does not project more than fifty-four inches (54") (1372 mm) from the exterior wall and does not require additional support.
9. Nonfixed and movable fixtures, cases, racks, counters, and partitions not over five feet, nine inches (5'-9") (1753 mm) in height.

*{The remaining paragraphs shall remain unchanged.}*

**Section [A] 105.3.2 Time limitation of application** of the 2015 International Building Code is amended to read as follows:

**[A] 105.3.2 Time limitation of application.** An application for a permit for any proposed work shall be deemed to have been abandoned ninety (90) days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the Building Official is authorized to grant one (1) or more extensions of time for additional periods not exceeding ninety (90) days each. The extension shall be requested in writing and justifiable caused demonstrated.

**Section [A] 107.1 General** of the 2015 International Building Code is amended to read as follows:

**[A] 107.1 General.** Submittal documents consisting of construction documents, statement of special inspections, geotechnical report, and other data shall be submitted in two (2) or more sets with each permit application. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the Building Official is authorized to require additional

construction documents to be prepared by a registered design professional. Foundation plans shall be submitted with each application. Foundation plans shall be designed by an engineer licensed by the State of Texas and shall bear said engineer's seal. Structural framing plans shall be submitted with each new construction or addition application. Structural framing plans shall be designed by a registered design professional licensed by the State of Texas and shall bear said design professional's seal.

**Exception:** The Building Official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that reviewing of construction documents is not necessary to obtain compliance with this Code.

**Section [A] 109.2 Schedule of permit fees** of the 2015 International Building Code is amended to read as follows:

**[A] 109.2 Schedule of permit fees.** On buildings, structures, electrical, gas, mechanical, and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the Town of Prosper Fee Schedule as adopted by the Town Council.

**Section [A] 109.4 Work commencing before permit issuance** of the 2015 International Building Code is amended to read as follows:

**[A] 109.4 Work commencing before permit issuance.** Any person who commences any work requiring a permit on a building, structure, electrical, gas, mechanical, or plumbing system before obtaining the necessary permit(s) shall be subject to a penalty of 100% of the usual permit fee in addition to the required permit fees.

**Section [A] 109.6 Refunds** of the 2015 International Building Code is amended to read as follows:

**[A] 109.6 Refunds.** The Building Official is authorized to establish a refund policy.

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than eighty percent (80%) of the permit fee paid when no work has been done under a permit issued in accordance with this Code.
3. The Code Official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

**Section 109 FEES** of the 2015 International Building Code is amended by adding **Section [A] 109.7 Re-inspection Fee** to read as follows:

**[A] 109.7 Re-inspection Fee.** A fee as established by Town Council resolution may be charged when:

1. The inspection called for is not ready when the inspector arrives;
2. No building address or permit card is clearly posted;
3. Town approved plans are not on the job site available to the inspector;

4. The building is locked or otherwise not available for inspection when called;
  5. The job site is disapproved twice for the same item; and/or,
  6. Failure to maintain erosion control, trash control, or tree protection.
- Any re-inspection fees assessed shall be paid before any additional inspections are made on that job site.

**Section 109 FEES** of the 2015 International Building Code is amended by adding **Section [A] 109.8 Work without a permit, [A] 109.8.1 Investigation, [A] 109.8.2 Fee, and [A] 109.9 Unauthorized cover up fee** to read as follows:

**109.8 Work without a permit.**

**109.8.1 Investigation.** Whenever work for which a permit is required by this Code has been commenced without first obtaining a permit, a special investigation shall be made before a permit may be issued for such work.

**109.8.2 Fee.** An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is subsequently issued. The investigation fee shall be equal to the amount of the permit fee required by this Code or the Town fee schedule, as applicable. The payment of such investigation fee shall not exempt the applicant from compliance with all other provisions of either this Code or the technical codes nor from penalty prescribed by law.

**109.9 Unauthorized cover up fee.** Any work concealed without first obtaining the required inspection in violation of Section 110 shall be assessed a fee as established by the Town fee schedule.

**Section [A] 110.3.1 Footing and foundation inspection** of the 2015 International Building Code is amended to read as follows:

**[A] 110.3.1 Footing and foundation inspection.** Footing and foundation inspections shall be made after excavations for footings are complete and any required reinforcing steel is in place. For concrete foundations, any required forms shall be in place prior to inspection. Materials for the foundation shall be on the job, except where concrete is ready mixed in accordance with ASTM C 94, the concrete need not be on the job. A registered design professional, or their designated representative, shall perform a pre-pour inspection and provide the Building Official with a signed and sealed document stating that the footing and foundation has been inspected and approved. This inspection shall take place prior to requesting a footing and foundation inspection from the Building Official.

**Section [A] 110.3.2 Concrete slab and under-floor inspection** of the 2015 International Building Code is amended to read as follows:

**[A] 110.3.2 Concrete slab and under-floor inspection.** Concrete slab and under-floor inspections shall be made after in-slab and under-floor reinforcing steel and building service equipment, conduit, piping accessories, and other ancillary equipment items are in place, but before any concrete is placed or floor sheathing installed, including the subfloor. A registered design professional, or their designated representative, shall perform a pre-pour inspection and provide the

Building Official with a signed and sealed document stating that the slab and under-floor foundation has been inspected and approved. This inspection shall take place prior to requesting a concrete slab and under-floor foundation inspection from the Building Official.

**Section [A] 110.3.4 Frame inspection** of the 2015 International Building Code is amended to read as follows:

**[A] 110.3.4 Frame inspection.** Framing inspections shall be made after the roof deck or sheathing, all framing, fire-blocking, and bracing are in place and pipes, chimneys, and vents to be concealed are complete and the rough electrical, plumbing, heating wires, pipes, and ducts are approved. A registered design professional, or their designated representative, shall perform a structural framing inspection and provide the Building Official with a signed and sealed document stating that the structure's framing has been inspected and approved. This inspection shall take place prior to requesting a framing inspection from the Building Official.

**Section 113 BOARD OF APPEALS** of the 2015 International Building Code is amended by removing **Section 113.1 General** and replacing with **Section 113.1 Application for appeal** to read as follows:

**[A] 113.1 Application for appeal.** Any person shall have the right to appeal a decision of the Code Official to the Board of Appeals as established by ordinance. The Board shall be governed by the Town of Prosper's enabling ordinance.

**Section 202 DEFINITIONS** of the 2015 International Building Code, definition of **"AMBULATORY CARE FACILITY"** is amended to read as follows:

**AMBULATORY CARE FACILITY.** Buildings or portions thereof used to provide medical, surgical, psychiatric, nursing, or similar care on a less than 24-hour basis to individuals who are rendered incapable of self-preservation by the services provided. This group may include but not be limited to the following:

- Dialysis centers
- Sedation dentistry
- Surgery centers
- Colonic centers
- Psychiatric centers

**Section 202 DEFINITIONS** of the 2015 International Building Code, definition of **"ASSISTED LIVING FACILITY"** is added to read as follows:

**ASSISTED LIVING FACILITY.** A building or part thereof housing persons, on a 24-hour basis, who because of age, mental disability, or other reasons, live in a supervised residential environment which provides personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff.

**Section 202 DEFINITIONS** of the 2015 International Building Code, definition of **"ATRIUM"** is amended to read as follows:

**ATRIUM.** An opening connecting three (3) or more stories... *{no change to remaining text}*

**Section 202 DEFINITIONS** of the 2015 International Building Code, definition of “**HIGH-RISE BUILDING**” is amended to read as follows:

**HIGH-RISE BUILDING.** A building with an occupied floor located more than fifty-five feet (55') (16 764 mm) above the lowest level of fire department vehicle access.

**Section 202 DEFINITIONS** of the 2015 International Building Code, definition of “**SPECIAL INSPECTOR**” is amended to read as follows:

**SPECIAL INSPECTOR.** A qualified person employed or retained by an approved agency who shall prove to the satisfaction of the registered design professional in responsible charge and the Building Official as having the competence necessary to inspect a particular type of construction requiring special inspection.

**Section 303.1.3 Associated with Group E occupancies** of the 2015 International Building Code is amended to read as follows:

**303.1.3 Associated with Group E occupancies.** A room or space used for assembly purposes that is associated with a Group E occupancy but is not considered a separate occupancy, except when applying the assembly requirements of Chapters 10 and 11.

**Section 304.1 Business Group B** of the 2015 International Building Code is amended to add the following to the list of occupancies:

Fire stations  
Police stations with detention facilities for 5 (five) or less

**Section [F] 307.1.1 Uses other than Group H** of the 2015 International Building Code is amended to add the following sentence to **Item 4.** to read as follows:

4. Cleaning establishments... *{no change to text}* ...with Section 707 or 1-hour horizontal assemblies constructed in accordance with Section 711 or both. See also IFC Chapter 21, Dry Cleaning Plant provisions.

**Section 403.1 Applicability, Exception 3** of the 2015 International Building Code is amended to read as follows:

3. The open air portion of a building *{no change to remaining text}*

**Section [F] 403.3.2 Water supply to required fire pumps** of the 2015 International Building Code is amended to read as follows:

**[F] 403.3.2 Water supply to required fire pumps.** In buildings that are more than 120 feet (36.5 m) in building height, required fire pumps shall be supplied by connections to no fewer than two (2) water mains located in different streets.

Separate supply piping shall be provided between each connection to the water main and the pumps. Each connection and the supply piping between the connection and the pumps shall be sized to supply the flow and pressure required for the pumps to operate.

**Exception:** *{No change to text.}*

**Section 403.5.4 Smokeproof enclosures** of the 2015 International Building Code is amended to read as follows:

**403.5.4 Smokeproof enclosures.** Every required exit stairway serving floors more than fifty-five feet (55') (16 764 mm) above the lowest level of fire department vehicle access shall be a smokeproof enclosure in accordance with Sections 909.20 and 1023.11.

**Section [F] 501.2 Address identification** of the 2015 International Building Code is amended to read as follows:

**[F] 501.2 Address identification.** New and existing buildings shall be provided with approved address numbers or letters. Each character shall not be less than six inches (6") (152 mm) in height and not less than one-half inch (0.5") (12.7 mm) in width. They shall be installed on a contrasting background and be plainly visible from the street or road fronting the property and from all alleyways, fire lanes, or other vehicle access to the rear or side of the buildings. When required by the Fire Code Official, address numbers shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole, or other approved means shall be used to identify the structure. Address numbers shall be maintained.

**Section 712.1.9 Two-story openings, Item 4.** of the 2015 International Building Code is amended to read as follows:

4. Is not open to a corridor in Group I and H occupancies.

**Section [F] 903.2.8 Group R** of the 2015 International Building Code is amended by adding an **Exception** to read as follows:

**Exception:** R-3 occupancies with a gross square foot area of less than 5,500 HVAC space.

**Section [F] 903.2.9 Group S-1** of the 2015 International Building Code is amended by adding **Section [F] 903.2.9.3 Self-service storage facility** to read as follows:

**[F] 903.2.9.3 Self-service storage facility.** An automatic sprinkler system shall be installed throughout all self-service storage facilities.

**Exception:** One-story self-service storage facilities that have no interior corridors, a one-hour fire barrier separation wall installed between every storage compartment, and are under 5,000 square foot (gross area) in size.

**Section [F] 903.2.11.3 Buildings 35 feet or more in height** of the 2015 International Building Code is amended to read as follows:

**[F] 903.2.11.3 Buildings 35 feet or more in height.** An automatic sprinkler system shall be installed throughout buildings with a floor level having an occupant load of thirty (30) or more that is located thirty-five feet (35') (10 668 mm) or more above the lowest level of fire department vehicle access.

**Exception:** Open parking structures in compliance with Section 406.5.

**Section [F] 903.2.11 Specific building areas and hazards** of the 2015 International Building Code is amended by adding **Section [F] 903.2.11.7 High-piled combustible storage** to read as follows:

**[F] 903.2.11.7 High-piled combustible storage.** For any building with clear height exceeding twelve feet (12') (4572 mm), see Chapter 32 of the Fire Code to determine if those provisions apply.

**Section [F] 903.2.11 Specific building areas and hazards** of the 2015 International Building Code is amended by adding **Section [F] 903.2.11.8 Spray booths and rooms** to read as follows:

**[F] 903.2.11.8 Spray booths and rooms.** New and existing spray booths and spraying rooms shall be protected by an approved automatic fire-extinguishing system.

**Section [F] 903.2.11 Specific building areas and hazards** of the 2015 International Building Code is amended by adding **Section [F] 903.2.11.9 Buildings over 5,000 square feet** to read as follows:

**[F] 903.2.11.9 Buildings over 5,000 square feet.** An automatic sprinkler system shall be installed throughout all commercial building with a building area (floor area, gross) over 5,000 square feet. For the purpose of this provision, firewalls shall not define separate buildings.

**Exception:** Open parking garages in compliance with Section 406.5.

**Section [F] 903.3.1.1.1 Exempt locations** of the 2015 International Building Code is amended to read as follows:

**[F] 903.3.1.1.1 Exempt locations.** When approved by the Code Official, automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an automatic fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance-rated construction, or contains electrical equipment.

1. Any room where the application of water, or flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the Code Official.



3. Generator and transformer rooms, under the direct control of a public utility, separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a fire-resistance rating of not less than two (2) hours.
4. *{Delete in its entirety.}*
5. Elevator machine rooms, machinery spaces, and hoistways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances.
6. *{Delete in its entirety.}*

**Section [F] 903.3.1.2 NFPA 13R sprinkler systems** of the 2015 International Building Code is amended by adding **Section [F] 903.3.1.2.3 Attics and Attached Garages** to read as follows:

**[F] Section 903.3.1.2.3 Attics and Attached Garages.** Sprinkler protection is required in attic spaces of such buildings two (2) or more stories in height, in accordance with NFPA 13 and or NFPA 13R requirements, and attached garages.

**Section [F] 903.3.1.3 NFPA 13D sprinkler systems** of the 2015 International Building Code is amended to read as follows:

**[F] 903.3.1.3 NFPA 13D sprinkler systems.** Automatic sprinkler systems installed in one- and two-family dwellings, Group R-3, Group R-4 Condition 1, and townhouses shall be permitted to be installed throughout in accordance with NFPA 13D or with state law.

**Section [F] 903.3.1 Standards** of the 2015 International Building Code is amended by adding **Section 903.3.1.4 [F] Freeze Protection**, **Section [F] 903.3.1.4.1 Attics** and **Section [F] 903.3.1.4.2 Heat trace/insulation** to read as follows:

**[F] 903.3.1.4 Freeze protection.** Freeze protection systems for automatic fire sprinkler systems shall be in accordance with the requirements of the applicable referenced NFPA standard and this Section.

**[F] 903.3.1.4.1 Attics.** Only dry-pipe, preaction, or listed antifreeze automatic fire sprinkler systems shall be allowed to protect attic spaces.

**Exception:** Wet-pipe fire sprinkler systems shall be allowed to protect non-ventilated attic spaces where:

1. The attic sprinklers are supplied by a separate floor control valve assembly to allow ease of draining the attic system without impairing sprinklers throughout the rest of the building;
2. Adequate heat shall be provided for freeze protection as per the applicable referenced NFPA standard; and,
3. The attic space is a part of the building's thermal, or heat envelope, such that insulation is provided at the roof deck, rather than at the ceiling level.

**[F] 903.3.1.4.2 Heat trace/insulation.** Heat trace/insulation shall only be allowed where approved by the Fire Code Official for small sections of large diameter water-filled pipe.

**Section [F] 903.3.5 Water supplies** of the 2015 International Building Code is amended to add a paragraph to read as follows:

**[F]** Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every water-based fire protection system shall be designed with a ten pounds per square inch (10 psi) safety factor. Reference Section 507.4 for additional design requirements.

**Section [F] 903.4 Sprinkler system supervision and alarms** of the 2015 International Building Code is amended to add a paragraph after **Exceptions** to read as follows:

**[F]** Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than forty-five (45) seconds. All control valves in the sprinkler and standpipe systems, except for fire department hose connection valves, shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

**Section [F] 903.4.2 Alarms** of the 2015 International Building Code is amended to add a paragraph to read as follows:

**[F]** The alarm device required on the exterior of the building shall be a weatherproof horn/strobe notification appliance with a minimum seventy-five (75) candela strobe rating, installed as close as practicable to the fire department connection.

**Section [F] 905.2 Installation standard** of the 2015 International Building Code is amended to add a paragraph to read as follows:

**[F] 905.2 Installation standard.** Standpipe systems shall be installed in accordance with this Section and NFPA 14. Manual dry standpipe systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm.

**Section [F] 905.3 Required installations** of the 2015 International Building Code is amended to add **Section [F] 905.3.9 Buildings exceeding 10,000 sq. ft.** and **Exceptions** to read as follows:

**[F] 905.3.9 Buildings exceeding 10,000 sq. ft.** In buildings exceeding 10,000 square feet in area per story and where any portion of the building's interior area is more than 200 feet (60960 mm) of travel, vertically and horizontally, from the nearest point of fire department vehicle access, Class I automatic wet or manual wet standpipes shall be provided.

**Exceptions:**

1. Automatic dry and semi-automatic dry standpipes are allowed as provided for in NFPA 14.

2. R-2 occupancies of four (4) stories or less in height having no interior corridors.

**Section [F] 905.4 Location of Class I standpipe hose connections** of the 2015 International Building Code is amended to change **Items 1., 3., and 5.** and add **Item 7.** to read as follows:

- [F] 1. In every required exit stairway, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at an intermediate landing between stories, unless otherwise approved by the Fire Code Official.
2. *{No change to text.}*
  3. In every exit passageway, at the entrance from the exit passageway to other areas of a building.

**Exception:** Where floor areas adjacent to an exit passageway are reachable from an exit stairway hose connection by a ..... *{No change to remaining text.}*

4. *{No change to text.}*
5. Where the roof has a slope less than four (4) units vertical in twelve (12) units horizontal (33.3% slope), each standpipe shall be provided with a two-way hose connection located to serve the roof or at the highest landing of an exit stairway with stair access to the roof provided in accordance with Section 1011.12.
6. *{No change to text.}*
7. When required by this Chapter, standpipe connections shall be placed adjacent to all required exits to the structure and at 200 foot intervals along major corridors thereafter, or as otherwise approved by the Fire Code Official.

**Section [F] 905.9 Valve supervision** of the 2015 International Building Code is amended to add a paragraph after **Exceptions** to read as follows:

[F] Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than forty-five (45) seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

**Section [F] 907.1 General** of the 2015 International Building Code is amended by adding **Section [F] 907.1.4 Design standards** to read as follows:

[F] **907.1.4 Design standards.** Where a new fire alarm system is installed, the devices shall be addressable. Fire alarm systems utilizing more than twenty (20) smoke detectors shall have analog initiating devices.

**Section [F] 907.2.1 Group A** of the 2015 International Building Code is amended to read as follows:

[F] **907.2.1 Group A.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons or more than 100

persons above or below the lowest level of exit discharge. Group A occupancies not separated from one another in accordance with Section 707.3.10 shall be considered as a single occupancy for the purposes of applying this Section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

**Exception:** *{No change to text.}*

Activation of fire alarm notification appliances shall:

1. Cause illumination of the means of egress with light of not less than 1 foot-candle (11 lux) at the walking surface level, and,
2. Stop any conflicting or confusing sounds and visual distractions.

**Section [F] 907.2.3 Group E** of the 2015 International Building Code is amended to read as follows:

**[F] 907.2.3 Group E.** A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in Group E day care occupancies. Unless separated by a minimum of 100 feet of open space, all buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm systems.

**Exceptions:**

1. *{No change to text.}*
- 1.1. Residential In-Home day care with not more than twelve (12) children may use interconnected single station detectors in all habitable rooms. (For care of more than five (5) children 2 1/2 or less years of age, see Section 907.2.6.)

*{No change to remainder of Exceptions.}*

**Section [F] 907.2.13 High-rise buildings, Exception 3** of the 2015 International Building Code is amended to read as follows:

**[F] 3.** Open air portions of buildings with an occupancy in Group A-5 in accordance with Section 303.1; however, this exception does not apply to accessory uses including, but not limited to, sky boxes, restaurants, and similarly enclosed areas.

**Section [F] 907.4.2 Manual fire alarm boxes** of the 2015 International Building Code is amended by adding **Section [F] 907.4.2.7 Type** to read as follows:

**[F] 907.4.2.7 Type.** Manual alarm initiating devices shall be an approved double action type.

**Section [F] 907.6.1 Wiring** of the 2015 International Building Code is amended by adding **Section [F] 907.6.1.1 Wiring Installation** to read as follows:

**[F] 907.6.1.1 Wiring Installation.** All fire alarm systems shall be installed in such a manner that failure of any single initiating device or single open in an initiating circuit conductor will not interfere with the normal operation of other such devices. All signaling line circuits (SLC) shall be installed in such a way that a single open will not interfere with the operation of any addressable devices (Class A). Outgoing and return SLC conductors shall be installed in accordance with NFPA 72 requirements for Class A circuits and shall have a minimum of four feet (4') separation horizontal and one foot (1') vertical between supply and return circuit conductors. The initiating device circuit (IDC) from a signaling line circuit interface device may be wired Class B, provided the distance from the interface device to the initiating device is ten feet (10') or less.

**Section [F] 907.6.3 Initiating device identification** of the 2015 International Building Code is amended to delete all four (4) Exceptions in its entirety.

**Section [F] 907.6.6 Monitoring** of the 2015 International Building Code is amended by adding a sentence at the end of the paragraph to read as follows:

**[F]** See Section 907.6.3 for the required information transmitted to the supervising station.

**Section 909 SMOKE CONTROL SYSTEMS** of the 2015 International Building Code is amended by adding **Section [F] 909.22 Stairway or ramp pressurization alternative**, **Section [F] 909.22.1 Ventilating equipment**, **Section [F] 909.22.1.1 Ventilation systems**, **Section [F] 909.22.1.2 Standby power**, and **Section [F] 909.22.1.3 Acceptance and testing** to read as follows:

**[F] 909.22 Stairway or ramp pressurization alternative.** Where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and the stair pressurization alternative is chosen for compliance with Building Code requirements for a smokeproof enclosure, interior exit stairways or ramps shall be pressurized to a minimum of 0.10 inches of water (25 Pa) and a maximum of 0.35 inches of water (87 Pa) in the shaft relative to the building measured with all interior exit stairway and ramp doors closed under maximum anticipated conditions of stack effect and wind effect. Such systems shall comply with Section 909, including the installation of a separate fire-fighter's smoke control panel as per Section 909.16, and a Smoke Control Permit shall be required from the Fire Department as per Section 105.7.

**[F] 909.22.1 Ventilating equipment.** The activation of ventilating equipment for the stair or ramp pressurization system shall be by smoke detectors installed at each floor level at an approved location at the entrance to the smokeproof enclosure. When the closing device for the stairway or ramp shaft and vestibule doors is activated by smoke detection or power failure, mechanical equipment shall activate and operate at the required performance levels. Smoke detectors shall be installed in accordance with Section 907.3.

**[F] 909.22.1.1 Ventilation systems.** Smokeproof enclosure ventilation systems shall be independent of other building ventilation systems. The equipment, control wiring, power wiring and ductwork shall comply with one (1) of the following:

1. Equipment, control wiring, power wiring, and ductwork shall be located exterior to the building and directly connected to the smokeproof enclosure or connected to the smokeproof enclosure by ductwork enclosed by not less than 2-hour fire barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both;
2. Equipment, control wiring, power wiring, and ductwork shall be located within the smokeproof enclosure with intake or exhaust directly from and to the outside or through ductwork enclosed by not less than 2-hour barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both; or,
3. Equipment, control wiring, power wiring, and ductwork shall be located within the building if separated from the remainder of the building, including other mechanical equipment, by not less than 2-hour fire barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both.

**Exceptions:**

1. Control wiring and power wiring utilizing a 2-hour rated cable or cable system;
2. Where encased with not less than two inches (2") (51 mm) of concrete;
3. Control wiring and power wiring protected by a listed electrical circuit protective systems with a fire-resistance rating of not less than two (2) hours.

**[F] 909.22.1.2 Standby power.** Mechanical vestibule and stairway and ramp shaft ventilation systems and automatic fire detection systems shall be provided with standby power in accordance with Section 2702 of the Building Code.

**[F] 909.22.1.3 Acceptance and testing.** Before the mechanical equipment is approved, the system shall be tested in the presence of the Fire Code Official to confirm that the system is operating in compliance with these requirements.

**Section [F] 910.2 Where required** of the 2015 International Building Code **Exception 2.** and **3.** is amended to read as follows:

- [F] 2.** Only manual smoke and heat removal shall be required in areas of buildings equipped with early suppression fast-response (ESFR) sprinklers. Automatic smoke and heat removal is prohibited.
- 3.** Only manual smoke and heat removal shall be required in areas of buildings equipped with control mode special application sprinklers with a response time index of  $50 (m^*S)^{1/2}$  or less that are listed to control a fire in stored commodities with twelve (12) or fewer sprinklers. Automatic smoke and heat removal is prohibited.

**Section [F] 910.2 Where required** of the 2015 International Building Code is amended by adding **910.2.3 [F] Group H** with **Exceptions** to read as follows:

**[F] 910.2.3 Group H.** Buildings and portions thereof used as a Group H occupancy as follows:

1. In occupancies classified as Group H-2 or H-3, any of which are more than 15,000 square feet (1394 m<sup>2</sup>) in single floor area.

**Exception:** Buildings of noncombustible construction containing only noncombustible materials.

2. In areas of buildings in Group H used for storing Class 2, 3, and 4 liquid and solid oxidizers, Class 1 and unclassified detonable organic peroxides, Class 3 and 4 unstable (reactive) materials, or Class 2 or 3 water-reactive materials as required for a high-hazard commodity classification.

**Exception:** Buildings of noncombustible construction containing only noncombustible materials.

**Section [F] 910.3 Smoke and heat vents** of the 2015 International Building Code is amended by adding **Section [F] 910.3.4 Vent operation**, **Section [F] 910.3.4.1 Sprinklered buildings**, and **Section [F] 910.3.4.2 Nonsprinklered buildings** to read as follows:

**[F] 910.3.4 Vent operation.** Smoke and heat vents shall be capable of being operated by approved automatic and manual means. Automatic operation of smoke and heat vents shall conform to the provisions of Sections 910.3.2.1 through 910.3.2.3.

**[F] 910.3.4.1 Sprinklered buildings.** Where installed in buildings equipped with an approved automatic sprinkler system, smoke and heat vents shall be designed to operate automatically. The automatic operating mechanism of the smoke and heat vents shall operate at a temperature rating at least 100°F (approximately 38°C) greater than the temperature rating of the sprinklers installed.

**Exception:** Manual only system per 910.2.

**[F] 910.3.4.2 Nonsprinklered buildings.** Where installed in buildings not equipped with an approved automatic sprinkler system, smoke and heat vents shall operate automatically by actuation of a heat-responsive device rated at between 100°F (56°C) and 220°F (122°C) above ambient.

**Exception:** Listed gravity-operated drop out vents.

**Section 910.4.3.1 Makeup air** of the 2015 International Building Code is amended to read as follows:

**[F] 910.4.3.1 Makeup air.** Makeup air openings shall be provided within six feet (6') (1829 mm) of the floor level. Operation of makeup air openings shall be automatic. The minimum gross area of makeup air inlets shall be eight (8) square feet per 1,000 cubic feet per minute (0.74 m<sup>2</sup> per 0.4719 m<sup>3</sup>/s) of smoke exhaust.

**Section 910.4.4 Activation** of the 2015 International Building Code is amended to read as follows:

**[F] 910.4.4 Activation.** The mechanical smoke removal system shall be activated automatically by the automatic sprinkler system or by an approved fire detection system. Individual manual controls shall also be provided.

**Exception:** Manual only systems per Section 910.2.

**Section [F] 912.2 Location** of the 2015 International Building Code is amended by adding **Section [F] 912.2.3 Hydrant distance** to read as follows:

**[F] 912.2.3 Hydrant distance.** An approved fire hydrant shall be located within 100 feet of the fire department connection as the fire hose lays along an unobstructed path.

**Section 913.2.1 Protection of fire pump rooms** of the 2015 International Building Code is amended to add a paragraph and **Exception** to read as follows:

**[F]** When located on the ground level at an exterior wall, the fire pump room shall be provided with an exterior fire department access door that is not less than three feet (3') in width and six feet eight inches (6'-8") in height, regardless of any interior doors that are provided. A key box shall be provided at this door, as required by Section 506.1.

**Exception:** When it is necessary to locate the fire pump room on other levels or not at an exterior wall, the corridor leading to the fire pump room access from the exterior of the building shall be provided with equivalent fire resistance as that required for the pump room, or as approved by the Fire Code Official. Access keys shall be provided in the key box as required by Section 506.1.

**Section 1006.2.2 Egress based on use** of the 2015 International Building Code is amended by adding **Section 1006.2.2.6 Electrical Rooms** to read as follows:

**1006.2.2.6 Electrical Rooms.** For electrical rooms, special exiting requirements may apply. Reference the electrical code as adopted.

**Section 1009.1 Accessible means of egress required** of the 2015 International Building Code is amended by adding **Exception 4.** to read as follows:

**Exceptions:**

4. Buildings regulated under State Law and built in accordance with State registered plans, including any variances or waivers granted by the State, shall be deemed to be in compliance with the requirements of Section 1009.

**Section 1010.1.9.4 Bolt Locks** of the 2015 International Building Code **Exception 3.** and **4.** is amended to read as follows:

**Exceptions:**



3. Where a pair of doors serves an occupant load of less than fifty (50) persons in a Group B, F, M or S occupancy. *{no change to remaining text.}*
4. Where a pair of doors serves a Group A, B, F, M or S occupancy *{no change to remaining text.}*

**Section 1015.8 Window Openings** of the 2015 International Building Code is amended to read as follows:

1. Operable windows where the top of the sill of the opening is located more than fifty-five feet (55') (16 764 mm) above the finished grade or other surface below and that are provided with window fall prevention devices that comply with ASTM F 2006.

**Section 1020.1 Construction** of the 2015 International Building Code is amended by adding **Exception 6.** to read as follows:

6. In group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector shall activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors shall be connected to an approved automatic fire alarm system where such system is provided.

**Section 1029.1.1.1 Spaces under grandstands and bleachers** of the 2015 International Building Code is amended to delete this Section in its entirety.

**Section 1101.1 Scope** of the 2015 International Building Code is amended by adding an **Exception** to read as follows:

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

**Section 1203.1 General** of the 2015 International Building Code is amended to read as follows:

**1203.1 General.** Buildings shall be provided with natural ventilation in accordance with Section 1203.4, or mechanical ventilation in accordance with the currently adopted International Mechanical Code.

Where air infiltration rate in a dwelling unit is five (5) air changes or less per hour when tested with a blower door at a pressure 0.2 inch w.c. (50 Pa) in accordance with Section 402.4.1.2 of the currently adopted International Energy Conservation Code, the dwelling unit shall be ventilated by mechanical means in accordance with Section 403 of the currently adopted International Mechanical Code.

**Table 1505.1 Minimum Roof Covering Classification for Types of Construction** of the 2015 International Building Code is amended to remove **footnote c** and replace **footnote b** to read as follows:

- b. Non-classified roof coverings shall be permitted on buildings of U occupancies having not more than 120 square feet of protected roof area. When exceeding 120 square feet of protected roof area, buildings of U occupancies may use non-rated non-combustible roof coverings.
- c. *{delete in its entirety}*

**Section [BF] 1505.7 Special purpose roofs** of the 2015 International Building Code is amended to delete this Section in its entirety.

**Section [BG] 1510.1 General** of the 2015 International Building Code is amended to read as follows:

**[BG] 1510.1 General.** Materials and methods of applications used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 15. All individual replacement shingles or shakes shall be in compliance with the rating required by Table 1505.1.

**Section 1612.3 Establishment of flood hazard areas** of the 2015 International Building Code is amended to read as follows:

**1612.3 Establishment of flood hazard areas.** To establish flood hazard areas, the applicable governing authority shall adopt a flood hazard map and supporting data. The flood hazard map shall include, at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled “The Flood Insurance Study for The Town of Prosper” as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and Flood Boundary and Floodway Map (FBFM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this Section.

**Section 1704.2 Special inspections and tests** of the 2015 International Building Code is amended to read as follows:

**1704.2 Special inspections and tests.** Where application is made to the Building Official for construction as specified in Section 105, the owner or the owner’s authorized agent, or the registered design professional in responsible charge, other than the contractor, shall employ one (1) or more approved agencies to provide special inspections and tests during construction on the types of work listed under Section 1705 and identify the approved agencies to the Building Official. The special inspector shall not be employed by the contractor. These special inspections and tests are in addition to the inspections identified by the Building Official that are identified in Section 110.

**Section 1704.2.1 Special inspector qualifications** of the 2015 International Building Code is amended to read as follows:

**1704.2.1 Special inspector qualifications.** Prior to the start of construction and or upon request, the approved agencies shall provide written documentation to the registered design professional in responsible charge and the Building Official demonstrating the competence and relevant experience or training of the special inspectors who will perform the special inspections and tests during construction. *{no change to remaining text.}*

**Section 1704.2.4 Report requirement** of the 2015 International Building Code is amended to read as follows:

**1704.2.4 Report requirement.** Approved agencies shall keep records of special inspections and tests. The approved agency shall submit reports of special inspections and tests to the Building Official upon request, and to the registered design professional in responsible charge. Individual inspection reports shall indicate that work inspected or tested was or was not completed in conformance to approved construction documents. *{no change to remaining text.}*

**Section 1704.2.5.1, Fabricator approval** of the 2015 International Building Code is amended to read as follows:

**1704.2.5.1 Fabricator approval.** Special inspections during fabrications required by Section 1704 are not required where the work is done on the premises of a fabricator registered and approved to perform such work without special inspection. Approval shall be based upon review of the fabricator's written procedural and quality control manuals and periodic auditing of fabrication practices by an approved agency, or a fabricator that is enrolled in a nationally accepted inspections program. At completion of fabrication, the acceptable or approved fabricator shall submit a certificate of compliance to the owner or the owner's authorized agent or the registered design professional in responsible charge, stating that the work was performed in accordance with the approved construction documents. The certificate of compliance shall also be made available to the Building Official upon request.

**Section 1807.2.2 Design lateral soil loads** of the 2015 International Building Code is amended to read as follows:

**1807.2.2 Design lateral soil loads.** Retaining walls shall be designed for the lateral soil loads set forth in Section 1610. Retaining walls that are not laterally supported at the top and that retain in excess of twenty-four inches (24") (610 mm) of unbalanced fill shall be designed to ensure stability against overturning, sliding, excessive foundation pressure, and water uplift. Retaining walls that retain in excess of thirty-six inches (36") (914 mm) of unbalanced fill shall have a professionally engineered design to ensure stability against overturning, sliding, excessive foundation pressure, and water uplift. For stone mass gravity retaining walls in excess of twenty-four inches (24") (610 mm), minimum foundation embedment shall be no less than twelve inches (12") (305 mm) into undisturbed or well compacted soil.

**Section [P] 2901.1 Scope** of the 2015 International Building Code is amended to read as follows:

**[P] 2901.1 Scope.** *{no change to existing text}* The provisions of this Chapter are meant to work in coordination with the provisions of Chapter 4 of the currently adopted International Plumbing Code. Should any conflicts arise between the two (2) Chapters, the Building Official shall determine which provision applies.

**Section [P] 2902.1 Minimum number of fixtures** of the 2015 International Building Code is amended to add a paragraph to read as follows:

In other than E Occupancies, the minimum number of fixtures in Table 2902.1 may be lowered if requested in writing, by the applicant stating reasons for a reduced number, and approved by the Building Official.

**[P] Table 2902.1 Minimum Number of Required Plumbing Fixtures** of the 2015 International Building Code is amended by adding **footnote f** to read as follows:

f. Drinking fountains are not required in M Occupancies with an occupant load of 100 or less, B Occupancies with an occupant load of twenty-five (25) or less, and for dining and/or drinking establishments.

**Section [P] 2902.1 Minimum number of fixtures** of the 2015 International Building Code is amended by adding **Section [P] 2902.1.3 Additional fixtures for food preparation facilities, Section [P] 2902.1.3.1 Hand washing lavatory, and Section [P] 2902.1.3.2 Service sink** to read as follows:

**[P] 2902.1.3 Additional fixtures for food preparation facilities.** In addition to the fixtures required in this Chapter, all food service facilities shall be provided with additional fixtures set out in this Section.

**[P] 2902.1.3.1 Hand washing lavatory.** At least one (1) hand washing lavatory shall be provided for use by employees that is accessible from food preparation, food dispensing, and ware washing areas. Additional hand washing lavatories may be required based on convenience of use by employees.

**[P] 2902.1.3.2 Service sink.** In new or remodeled food service establishments, at least one (1) service sink or one (1) floor sink shall be provided so that it is conveniently located for the cleaning of mops or similar wet floor cleaning tools and for the disposal of mop water and similar liquid waste. The location of the service sink(s) and/or mop sink(s) shall be approved by the Town of Prosper Health Division.

**Section 3002.1 Hoistway enclosure protection** of the 2015 International Building Code is amended by adding **Exceptions** to read as follows:

**Exceptions:**

1. Elevators wholly located within atriums complying with Section 404 shall not require hoistway enclosure protection.
2. Elevators in open or enclosed parking garages that serve only the parking garage, and complying with Sections 406.5 and 406.6, respectively, shall not require hoistway enclosure protection.

**Section 3005.4 Machine rooms, control rooms, machinery spaces and control spaces** of the 2015 International Building Code is amended to read as follows:

**3005.4 Machine rooms, control rooms, machinery spaces and control spaces.** Elevator machine rooms, control rooms, control spaces, and machinery spaces shall be enclosed with fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both. *{no change to remaining text.}*

**Section 3005 MACHINE ROOMS** of the 2015 International Building Code is amended by adding **Section 3005.7 Fire Protection in machine rooms, control rooms, machinery spaces and control spaces**, **Section 3005.7.1 Automatic sprinkler system**, **Section 3005.7.1.1 Prohibited locations**, **Section 3005.7.2 Sprinkler system monitoring**, **Section 3005.7.3 Water protection**, and **Section 3005.7.4 Shunt trip** to read as follows:

**3005.7 Fire Protection in machine rooms, control rooms, machinery spaces and control spaces.**

**3005.7.1 Automatic sprinkler system.** The building shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, except as otherwise permitted by Section 903.3.1.1.1 and as prohibited by Section 3005.7.2.1.

**3005.7.1.1 Prohibited locations.** Automatic sprinklers shall not be installed in machine rooms, elevator machinery spaces, control rooms, control spaces, and elevator hoist-ways.

**3005.7.2 Sprinkler system monitoring.** The sprinkler system shall have a sprinkler control valve supervisory switch and water-flow initiating device provided for each floor that is monitored by the building's fire alarm system.

**3005.7.3 Water protection.** An approved method to prevent water from infiltrating into the hoistway enclosure from the operation of the automatic sprinkler system outside the elevator lobby shall be provided.

**3005.7.4 Shunt trip.** Means for elevator shutdown in accordance with Section 3005.5 shall not be installed.

**Section 3005 MACHINE ROOMS** of the 2015 International Building Code is amended by adding **Section 3005.8 Storage** to read as follows:

**3005.8 Storage.** Storage shall not be allowed within the elevator machine room, control room, machinery spaces, and/or control spaces. Provide approved signage at each entry to the above listed locations stating: "No Storage Allowed".

**Section 3006.2 Hoistway opening protection required** of the 2015 International Building Code is amended to read as follows:

5. The building is a high rise and the elevator hoistway is more than fifty-five feet (55') (16 764 mm) in height. The height of the hoistway shall be

measured from the lowest floor at or above grade to the highest floors served by the hoistway.

**Section 3109.1 General** of the 2015 International Building Code is amended to read as follows:

**3109.1 General.** Swimming pools shall comply with the requirements of any applicable sections of this Code and with applicable state laws.

End of Exhibit "A"