

Exhibit A

TOWN OF PROSPER AMENDMENTS

2015 INTERNATIONAL RESIDENTIAL CODE

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

Section R101.1 Title of the 2015 International Residential Code is amended to read as follows:

R101.1 Title. These regulations shall be known as the Residential Building Code for One- and Two-family Dwellings of the Town of Prosper and shall be cited as such and will be referred to hereinafter as "this code."

Section R102.4 Referenced codes and standards of the 2015 International Residential Code is amended to read as follows:

R102.4 Referenced codes and standards. The codes, when specifically adopted, and standards referenced in this Code shall be considered part of the requirements of this Code to the prescribed extent of each such reference and as further regulated in Sections R102.4.1 and R102.4.2. 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 made to NFPA 70 or the Electrical Code shall mean the Electrical Code as adopted.

Exception: Where enforcement of a code provision would violate the conditions of the listing of the equipment or appliance, the conditions of the listing and the manufacturer's installation instructions shall apply.

Section R104.10.1 Flood hazard areas of the 2015 International Residential Code is amended to delete this section in its entirety.

Section R105.2 Work exempt from permit of the 2015 International Residential Code is amended to read as follows:

R105.2 Work exempt from permit. Exemption 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. 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.
2. Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.

3. Painting, papering, tiling, carpeting, cabinets, counter tops, and similar finish work.
4. Prefabricated swimming pools that are less than twenty-four inches (24") (610 mm) in depth.
5. Swings and other playground equipment.
6. Window awnings supported by an exterior wall which do not project more than fifty-four inches (54") (1372 mm) from the exterior wall and do not require additional support.
7. Decks not exceeding 200 square feet (18.58 mm) in area, that are not more than thirty inches (30") (762 mm) above grade at any point, are not attached to a dwelling, and do not serve the exit door required by Section R311.4.

{The remaining paragraphs, sentences, items and numbering in Section R105.2 shall remain unchanged.}

Section R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas of the 2015 International Residential Code is amended to delete this section in its entirety.

Section R105.3.2 Time limitation of application of the 2015 International Residential Code is amended to read as follows:

R105.3.2 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 cause demonstrated.

Section R105.5 Expiration of the 2015 International Residential Code is amended to read as follows:

R105.5 Expiration. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after the issuance, or if the work authorized by such permit is suspended, abandoned, or lacks any required inspection for a period of 180 days after the time the work is commenced. The Building Official is authorized to grant, in writing, one (1) or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Section R106.1 Submittal documents of the 2015 International Residential Code is amended to read as follows:

R106.1 Submittal documents. Submittal documents consisting of construction documents, and other data shall be submitted in two (2) or more sets with each

application for a permit. 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 R106.1.4 Information for construction in flood hazard areas of the 2015 International Residential Code is amended to delete this section in its entirety.

Section R108.2 Schedule of permit fees of the 2015 International Residential Code is amended to read as follows:

R108.2 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 schedule as established by the Town of Prosper Fee Schedule as adopted by the Town Council.

Section R108.5 Refunds of the 2015 International Residential Code is amended to read as follows:

R108.5 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. Not more than eighty percent (80%) of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The Building 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 R108.6 Work commencing before permit issuance of the 2015 International Residential Code is amended to read as follows:

R108.6 Work commencing before permit issuance. Any person who commences any work requiring a permit on a building, structure, electrical, gas, mechanical, or plumbing system prior to obtaining the necessary permits shall be subject to a fee of 100% of the usual permit fee, in addition to the required permit fees.

Section R108 FEES of the 2015 International Residential Code is amended by adding **Section R108.7 Re-inspection fee** to read as follows:

R108.7 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 conducted on said job site.

Section R109.1.1 Foundation inspection of the 2015 International Residential Code is amended to read as follows:

R109.1.1 Foundation inspection. Inspection of the foundation shall be made after poles or piers are set or trenches or basement areas are excavated, any required forms erected, and any required reinforcing steel is in place and supported prior to the placing of concrete. The foundation inspection shall include excavations for thickened slabs intended for the support of bearing walls, partitions, structural supports, or equipment and special requirements for wood foundations. 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 foundation has been inspected and approved. This inspection shall take place prior to requesting a foundation inspection from the Building Official.

Section R109.1.4 Frame and masonry inspection of the 2015 International Residential Code is amended to read as follows:

R109.1.4 Frame and masonry inspection. Inspection of framing and masonry construction shall be made after the roof, masonry, all framing, firestopping, draftstopping, and bracing are in place and after the plumbing, mechanical, and electrical rough inspections 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 vertical and lateral load-resistance framing design has been inspected and approved. This inspection shall take place prior to requesting a framing inspection from the Building Official.

Section R110 CERTIFICATE OF OCCUPANCY (to include **Section R110.1 Use and occupancy, R110.2 Change in use, R110.3 Certificate issued, R110.4 Temporary occupancy** and **R110.5 Revocation**) of the 2015 International Residential Code are amended to delete this section in its entirety.

Section R112 BOARD OF APPEALS of the 2015 International Residential Code is amended by removing **Section R112.1 General, R112.2 Limitations on authority, R112.3 Qualifications** and **R112.4 Administration** and replacing with the following:

R112 BOARD OF APPEALS. Any person shall have the right to appeal a decision of the Building Official to the Board of Appeals as established by ordinance. The board shall be governed by the Town of Prosper’s enabling ordinance.

Section R202 DEFINITIONS of the 2015 International Residential Code, definition of “**TOWNHOUSE**” is amended to read as follows:

TOWNHOUSE. A single-family dwelling unit constructed in a group of three (3) or more attached units, separated by property lines in which each unit extends from foundation to roof, and with a yard or public way on at least two (2) sides.

Table R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA of the 2015 International Residential Code is amended by filling in data to read as follows:

**TABLE R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY ^f	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP ^e	ICE BARRIER UNDER-LAYMENT REQUIRED ^h	FLOOD HAZARDS ^g	AIR FREEZING INDEX ⁱ	MEAN ANNUAL TEMP ^j
	SPEED ^d (MPH)	Topographic Effects ^k	Special Wind Region ^l	Windborne Debris Zone ^m		Weathering ^a	Frost Line Depth ^b	Termite ^c					
5 lbs/ft ²	115 (3 sec-gust)/ 76 fastest mile)	No	No	No	A	Moderate	6”	Very Heavy	22 ^o F	NO	Local Code	150	64.9 ^o F

{No changes to footnotes}

Section R302.1 Exterior Walls of the 2015 International Residential Code is amended by adding **Exception 6.** to read as follows:

6. Open non-combustible carport structures may be constructed when also approved within adopted ordinances.

Section R302.3 Two-family dwellings of the 2015 International Residential Code is amended by adding **Exception 3.** to read as follows:

3. Two-family dwelling units that are also divided by a property line through the structure shall be separated as required for townhouses.

Section R303.3 Bathrooms, Exception of the 2015 International Residential Code is amended to read as follows:

Exception: *{existing text remains unchanged with the exception of the last sentence}* Exhaust air from the space shall be exhausted directly to the outdoors unless the space contains only a water closet, a lavatory, or a water closet and a lavatory which space may be ventilated with an approved mechanical recirculating fan or similar device designed to remove odors from the air.

Section R313.2 One- and two-family dwellings automatic fire systems of the 2015 International Residential Code is amended to read as follows:

Section R313.2 One- and two-family dwellings automatic fire systems. Automatic fire protection required: Automatic fire protection systems in accordance with NFPA 13D or NFPA 13R shall be provided in all one- and two-family dwellings with a conditioned floor area of 5,500 square feet (1677.5 m²) or greater, dwellings three (3) stories or greater, or dwellings with roof heights exceeding thirty-five feet (35').

In the event that an addition or alteration increases the conditioned floor area from less than 5,500 square feet to equal to or greater than 5,500 square feet, the number of stories from less than three (3) stories to equal to or greater than three (3) stories, or the roof height from thirty-five feet (35') or less to greater than thirty-five feet (35') in height, the entire dwelling shall be retrofitted with an automatic fire protection system in accordance with NFPA 13D or NFPA 13R.

Where requirements in this section conflict with requirements found in the Fire Code or the Code of Ordinances adopted by the Town of Prosper, the most stringent requirements shall apply.

Section R315.2.2 Alterations, repairs and additions, Exception 2. of the 2015 International Residential Code is amended to read as follows:

2. Installation, alteration, or repairs of plumbing or mechanical systems that are electrical powered are exempt from the requirements of this Section.

Section R322 FLOOD-RESISTANT CONSTRUCTION of the 2015 International Residential Code is amended to delete this section in its entirety.

Section R401.2 Requirements of the 2015 International Residential Code is amended by adding a sentence at the end of the paragraph to read as follows:

Section R401.2 Requirements. *{no change to existing text}*

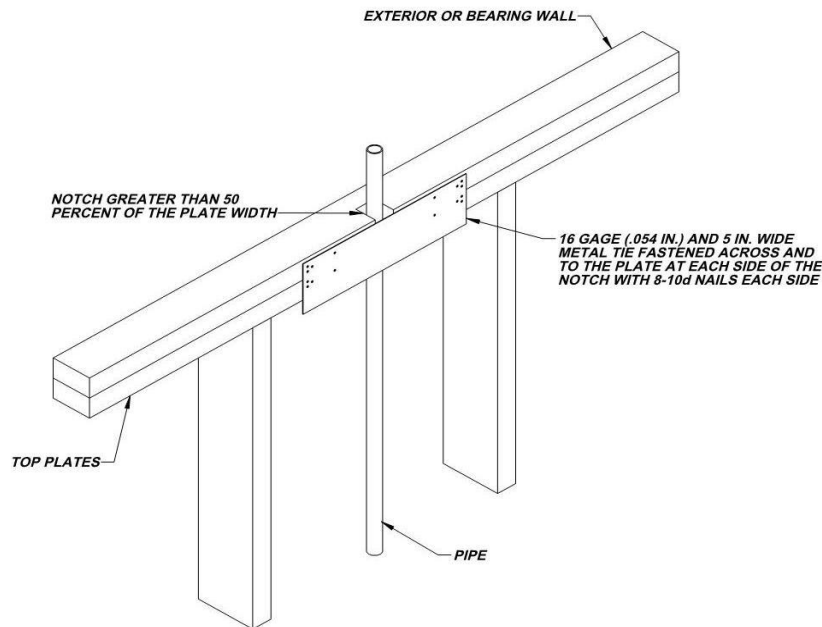
Every foundation and/or footing, or any size addition to an existing post-tensioned foundation regulated by this Code shall be designed and sealed by a registered engineer for the state of Texas.

Section R602.6.1 Drilling and notching of top plate of the 2015 International Residential Code is amended to read as follows:

R602.6.1 Drilling and notching of top plate. When piping or ductwork is placed in or partly in an exterior wall or interior load-bearing wall, necessitating cutting, drilling, or notching of the top plate by more than fifty percent (50%) of its width, a galvanized metal tie not less than 0.054 inch thick (1.37 mm) (16 Ga) and five inches (5") (127 mm) wide shall be fastened across and to the plate at each side of the opening with not less than eight (8)-10d (0.148-inch diameter) nails having a minimum length of one and one-half inches (1½") (38 mm) at each side or equivalent. Fasteners shall be offset to prevent splitting of the top plate material. The metal tie shall extend a minimum of six inches (6") past the opening. See Figure R602.6.1. *{no change to remaining text}*

Figure R602.6.1 of the 2015 International Residential Code is removed and replaced with the following:

Figure R602.6.1 TOP PLATE FRAMING TO ACCOMMODATE PIPING



Section R703.8.4.1 Size and spacing of the 2015 International Residential Code is amended by adding a paragraph as follows:

In stud framed exterior walls, all ties shall be anchored to studs as follows:

1. When studs are sixteen inches (16") (407 mm) o.c., stud ties shall be spaced no further apart than twenty-four inches (24") (610 mm) vertically

starting approximately twelve inches (12") (305 mm) from the foundation;
or,

2. When studs are twenty-four inches (24") (610 mm) o.c., stud ties shall be spaced no further apart than sixteen inches (16") (407 mm) vertically starting approximately eight inches (8") (26 mm) from the foundation.

Section R902.1 Roofing covering materials of the 2015 International Residential Code is amended to read as follows:

R902.1 Roofing covering materials. Roofs shall be covered with materials as set forth in Sections R904 and R905. Class A, B, or C roofing shall be installed. All roof coverings shall be a minimum Class C. All individual replacement shingles or shakes shall be a minimum Class C. Class A, B and C roofing shall be tested in accordance with UL 790 or ASTM E 108.

Exceptions:

1. *{no change to text}*
2. *{no change to text}*
3. *{no change to text}*
4. *{no change to text}*
5. Non-classified roof coverings shall be permitted on one-story detached accessory structures used as tool and storage sheds, playhouses, pool cabanas, and similar uses, provided the floor area does not exceed 120 square feet.

Chapter 11 ENERGY EFFICIENCY of the 2015 International Residential Code is deleted in its entirety and replaced to read as follows:

Chapter 11 ENERGY EFFICIENCY

N1101.1 Scope. This Chapter regulates the energy efficiency for the design and construction of buildings regulated by this Code.

N1101.2 Compliance. Compliance shall be demonstrated by meeting the requirements of the residential provisions of the 2015 International Energy Conservation Code.

Section M1305.1.3 Appliances in attics of the 2015 International Residential Code is amended to read as follows:

M1305.1.3 Appliances in attics. Attics containing appliances requiring access shall be provided . . . *{bulk of Section unchanged}* . . . sides of the appliance where access is required. The clear access opening dimensions shall be a minimum of twenty inches (20") by thirty inches (30") (508 mm by 762 mm), or larger and large enough to allow removal of the largest appliance. A walkway to an appliance shall be rated as a floor as approved by the Building Official. As a minimum for access to the attic space, provide one (1) of the following:

1. A permanent stair;

2. A pull down stair with a minimum 300 lb (136 kg) capacity, with the top stair rung located not more than fourteen inches (14") from the top surface of the attic platform above; or,
3. An access door from an upper floor level.

Exceptions:

1. The passageway and level service space are not required where the appliance can be serviced and removed through the required opening.
2. Where the passageway is unobstructed and not less than six feet (6') (1829 mm) high and twenty-two inches (22") (559 mm) wide for its entire length, the passageway shall be not more than fifty feet (50') (15 250 mm) long.

Section M1411.3 Condensate disposal of the 2015 International Residential Code is amended to read as follows:

Section M1411.3 Condensate disposal. Condensate from all cooling coils or evaporators shall be conveyed from the drain pan outlet to a sanitary sewer through a trap by means of a direct or indirect drain. *{no change to remaining text}*

Section M1411.3.1 Auxiliary and secondary drain systems of the 2015 International Residential Code is amended to read as follows:

M1411.3.1 Auxiliary and secondary drain systems. In addition to the requirements of ... *{bulk of Section unchanged}* ... One (1) of the following methods shall be used:

1. *{no change to text}*
2. *{no change to text}*
3. An auxiliary drain pan ... *{bulk of Section unchanged}* ... with Item 1. of this Section. A water level detection device may be installed only with prior approval of the Building Official.
4. A water level detection device ... *{bulk of Section unchanged}* ... overflow rim of such pan. A water level detection device may be installed only with prior approval of the Building Official.

Section M1411.3.1.1 Water-level monitoring devices of the 2015 International Residential Code is amended by adding a sentence to the end of the paragraph:

{bulk of Section unchanged} A water level detection device may be installed only with prior approval of the Building Official.

Section M1503.4 Makeup air required of the 2015 International Residential Code is amended to read as follows:

M1503.4 Makeup air required. Exhaust hood systems capable of exhausting in excess of 400 cubic feet per minute (0.19 m³/s) shall be provided with makeup air at a rate approximately equal to the difference between the exhaust air rate and 400 cubic feet per minute. Such makeup air systems shall be equipped with a means of closure and shall be automatically controlled to start and operate simultaneously with the exhaust system.

Exception: Where all appliances in the house are of sealed combustion, power-vent, unvented, or electric, the exhaust hood system shall be permitted to exhaust up to 600 cubic feet per minute (0.28 m³/s) without providing makeup air. Exhaust hood systems capable of exhausting in excess of 600 cubic feet per minute (0.28 m³/s) shall be provided with makeup air at a rate approximately equal to the difference between the exhaust air rate and 600 cubic feet per minute.

Section M2005.2 Prohibited locations of the 2015 International Residential Code is amended to read as follows:

M2005.2 Prohibited locations. Fuel-fired water heaters shall not be installed in a room used as a storage closet. Water heaters located in a bedroom or bathroom shall be installed in a sealed enclosure so that combustion air will not be taken from the living space. Access to such enclosure may be from the bedroom or bathroom when through a solid door, weather-stripped in accordance with the exterior door air leakage requirements of the currently adopted International Energy Conservation Code, and equipped with an approved self-closing device. Installation of direct-vent water heaters within an enclosure is not required.

Section G2415.2 (404.2) CSST of the 2015 International Residential Code is amended by adding **Section G2415.2.1 (404.2.1) Medium pressure piping identification** and **Section G2415.2.2 (404.2.2) Minimum tubing size** to read as follows:

G2415.2.1 (404.2.1) Medium pressure piping identification. Both ends of each section of medium pressure gas piping shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag:

"WARNING: 1/2 to 5 psi gas pressure - Do Not Remove"

G2415.2.2 (404.2.2) Minimum tubing size. Corrugated stainless steel tubing (CSST) shall be a minimum of one-half inch (1/2") (18 EDH) to reduce whistling.

Section G2415.12 (404.12) Minimum burial depth of the 2015 International Residential Code is amended to read as follows:

G2415.12 (404.12) Minimum burial depth. Underground piping systems shall be installed a minimum depth of eighteen inches (18") (457 mm) below grade, except as provided for in Section G2415.12.1.

Section G2415.12.1 (404.12.1) Individual outside appliances of the 2015 International Residential Code is amended to read as follows:

G2415.12.1 (404.12.1) Individual outside appliances. Individual lines to outside lights, grills, or other appliances shall be installed a minimum of twelve inches (12") (305 mm) below finished grade, provided that such installation is approved and installed in locations not susceptible to physical damage.

Section G2417.1 (406.1) General of the 2015 International Residential Code is amended to read as follows:

Section G2417.1 (406.1) General. Prior to acceptance and initial operation, all piping installations shall be visually inspected and pressure tested to determine that the materials, design, fabrication, and installation practices comply with the requirements of this Code. The permit holder shall make the applicable tests prescribed in Sections G2417.1.1 through G2417.1.5 to determine compliance with the provisions of this Code. The permit holder shall give reasonable advance notice to the Building Official when the piping system is ready for testing. The equipment, material, power, and labor necessary for the inspections and test shall be furnished by the permit holder and the permit holder shall be responsible for determining that the work will withstand the test pressure prescribed in the following tests.

Section G2417.4 (406.4) Test pressure measurement of the 2015 International Residential Code is amended to read as follows:

G2417.4 (406.4) Test pressure measurement. Test pressure shall be measured with a monometer or with a pressure-measuring device designed and calibrated to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made.

Section G2417.4.1 (406.4.1) Test Pressure of the 2015 International Residential Code is amended to read as follows:

Section G2417.4.1 (406.4.1) Test Pressure. The test pressure to be used shall be no less than 3 psig (20 kPa gauge), or at the discretion of the Building Official, the piping and valves may be tested at a pressure of at least six inches (6") (152 mm) of mercury, measured with a manometer or slope gauge.

For tests requiring a pressure of 3 psig, diaphragm gauges shall utilize a dial with a minimum diameter of three and one half inches (3 ½"), a set hand, 1/10 pound incrementation and pressure range not to exceed six pounds per square inch (6 psi) for tests requiring a pressure of 3 psig. For tests requiring a pressure of 10 psig, diaphragm gauges shall utilize a dial with a minimum diameter of three and one-half inches (3 ½"), a set hand, a minimum of 2/10 pound incrementation and a pressure range not to exceed twenty pounds per square inch (20 psi).

For welded piping, and for piping carrying gas at pressures in excess of fourteen inches (14") water column pressure (3.48 kPa) (1/2 psi) and less than 200 inches

of water column pressure (52.2 kPa) (7.5 psi), the test pressure shall not be less than ten pounds per square inch (10 psi) (69.6 kPa). For piping carrying gas at a pressure that exceeds 200 inches of water column (52.2 kPa) (7.5 psi), the test pressure shall be not less than one and one-half (1½) times the proposed maximum working pressure.

Diaphragm gauges used for testing shall display a current calibration and be in good working condition. The appropriate test shall be applied to the diaphragm gauge used for testing.

Section G2417.4.2 (406.4.2) Test duration of the 2015 International Residential Code is amended to read as follows:

G2417.4.2 (406.4.2) Test duration. The test duration shall be held for a length of time satisfactory to the Building Official, but in no case for less than fifteen (15) minutes. For welded piping, and for piping carrying gas at pressures in excess of fourteen inches (14") water column pressure (3.48 kPa), the test duration shall be held for a length of time satisfactory to the Building Official, but in no case for less than thirty (30) minutes.

Section G2420.1 (409.1) General of the 2015 International Residential Code is amended by adding **Section G2420.1.4 Valves in CSST installations** to read as follows:

G2420.1.4 (409.1.4) Valves in CSST installations. Shutoff valves installed with corrugated stainless steel (CSST) piping systems shall be supported with an approved termination fitting, or equivalent support, suitable for the size of the valves, of adequate strength and quality, and located at intervals so as to prevent or damp out excessive vibration, but in no case greater than twelve inches (12") from the center of the valve. Supports shall be installed so as not to interfere with the free expansion and contraction of the system's piping, fittings, and valves between anchors. All valves and supports shall be designed and installed so they will not be disengaged by movement of the supporting piping.

Section G2420.5.1 (409.5.1) Located within same room of the 2015 International Residential Code is amended to read as follows:

G2420.5.1 (409.5.1) Located within same room. The shutoff valve ... *{bulk of Section unchanged}*...in accordance with the appliance manufacturer's instructions. A secondary shutoff valve shall be installed within three feet (3') (914mm) of the firebox if the appliance shutoff is only accessible by reaching inside the firebox.

Section G2421.1 (410.1) Pressure regulators of the 2015 International Residential Code is amended to read as follows:

G2421.1 (410.1) Pressure regulators. A line pressure regulator shall be ... *{bulk of Section unchanged}* ... approved for outdoor installation. Access to regulators shall comply with the requirements for access to appliances as specified in Section M1305.

Exception:

A passageway or level service space is not required when the regulator is capable of being serviced and removed through the required attic opening.

Section G2422.1.2.3 (411.1.3.3) Prohibited locations and penetrations, Exceptions of the 2015 International Residential Code is amended to read as follows:

Exceptions:

1. Rigid steel pipe connectors shall be permitted to extend through openings in appliance housings.
2. Fireplace inserts that are factory equipped with grommets, sleeves, or other means of protection in accordance with the listing of the appliance.

Section G2445.2 (621.2) Prohibited use of the 2015 International Residential Code is amended by adding an **Exception** to read as follows:

Exception: Existing approved unvented room heaters may continue to be used in dwelling units in accordance with the code provisions in effect when installed, when approved by the Building Official, unless an unsafe condition is determined to exist as described in the currently adopted International Fuel Gas Code, Section 108.7.

Section G2448.1.1 (624.1.1) Installation requirements of the 2015 International Residential Code is amended to read as follows:

G2448.1.1 (624.1.1) Installation requirements. The requirements for water heaters relative to access, sizing, relief valves, drain pans, and scald protection shall be in accordance with this Code.

Section P2503.8.2 Testing of the 2015 International Residential Code is amended to read as follows:

P2503.8.2 Testing. Reduced pressure principle, double check, double check detector, and pressure vacuum breaker backflow preventer assemblies shall be tested at the time of installation, immediately after repairs or relocation, and at regular intervals as required by the Town of Prosper.

Section P2603.5.1 Sewer depth of the 2015 International Residential Code is amended to read as follows:

P2603.5.1 Sewer depth. Building sewers that connect to private sewage disposal systems shall be a minimum of twelve inches (12") (305mm) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of twelve inches (12") (305 mm) below grade.

Section P2801.6.1 Pan size and drain of the 2015 International Residential Code is amended to read as follows:

P2801.6.1 Pan size and drain. The pan shall ... *{no change to text}* ... of those materials listed in Table 605.4. Multiple pan drains may terminate to a single

discharge piping system when approved by the Building Official, when permitted by the manufacturer's installation instructions, and installed per those instructions.

Section P2801.7 Water heaters installed in garages of the 2015 International Residential Code is amended to read as follows:

P2801.7 Water heaters installed in garages. Water heaters having ... *{no change to existing text}*...above the garage floor.

Exceptions:

1. Elevation of the...*{no change to existing text}*...vapor ignition-resistant.
2. Electric water heaters.

Section P2803.6.1 Requirements for discharge piping, Item 10. of the 2015 International Residential Code is amended as follows:

10. Not terminate less than six inches (6") (152 mm) or more than twenty-four inches (24") (610 mm) above grade nor more than six inches (6") (152 mm) above the waste receptor.

Section P2804.6.1 Requirements for discharge pipe of the 2015 International Residential Code is amended to read as follows:

P2804.6.1 Requirements for discharge pipe. The discharge piping serving a pressure-relief valve, temperature-relief valve, or combination thereof shall:

1. Not be directly connected to the drainage system;
2. Discharge through an air gap;
3. Not be smaller than the diameter of the outlet of the valve served and shall discharge full size to the air gap;
4. Serve a single relief device and shall not connect to piping serving any other relief device or equipment;

Exception: Multiple relief devices may be installed to a single T&P discharge piping system when approved by the Building Official, and when permitted by the manufacturer's installation instructions, and installed per those instructions.

5. Discharge to an indirect waste receptor or to the outdoors;

{Remaining items six through fourteen unchanged}

Section P2902.5.3 Lawn irrigation systems of the 2015 International Residential Code is amended to read as follows:

P2902.5.3 Lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker, a double-check assembly, or a reduced pressure principle backflow preventer. A valve shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer.

Section P3003.9.2 Solvent cementing of the 2015 International Residential Code is amended to read as follows:

P3003.9.2 Solvent cementing. Joint surfaces shall be clean and free from moisture. A purple primer that conforms to ASTM F 656 shall be applied. Solvent cement not purple in color and conforming to ASTM D 2564, CSA B137.3, CSA B181.1, or CSA B181.2 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM D2855. Solvent cement joints shall be permitted above or below ground.

{Exceptions with conditions deleted}

Section P3111 COMBINATION WASTE AND VENT SYSTEM of the 2015 International Residential Code is amended to delete this section in its entirety.

Section P3112.2 Vent connection of the 2015 International Residential Code is removed and replaced with **Section P3112.2 Installation** to read as follows:

P3112.2 Installation. Traps for island sinks and similar equipment shall be roughed in above the floor and may be vented by extending the vent as high as possible, but not less than the drainboard height, and then returning it downward and connecting it to the horizontal sink drain immediately downstream from the vertical fixture drain. The return vent shall be connected to the horizontal drain through a wye-branch fitting and shall, in addition, be provided with a foot vent taken off the vertical fixture vent by means of a wye-branch immediately below the floor and extending to the nearest partition and then through the roof to the open air or may be connected to other vents at a point not less than six inches (6") (152 mm) above the flood level rim of the fixtures served. Drainage fittings shall be used on all parts of the vent below the floor level and a minimum slope of one-quarter (1/4) inch per foot (20.9 mm/m) back to the drain shall be maintained. The return bend used under the drain-board shall be a one (1) piece fitting or an assembly of a forty-five (45) degree (0.79 radius), a ninety (90) degree (1.6 radius) and a forty-five (45) degree (0.79 radius) elbow in the order named. Pipe sizing shall be as elsewhere required in this Code. The island sink drain, upstream of the return vent, shall serve no other fixtures. An accessible cleanout shall be installed in the vertical portion of the foot vent.

Section P3303.1.3 Electrical of the 2015 International Residential Code is amended to read as follows:

P3303.1.3 Electrical. Electrical outlets shall meet the requirements of the National Electrical Code as adopted and amended by the Town of Prosper.

Part VIII – Electrical, Chapters 34 - 43 of the 2015 International Residential Code are amended by deleting these Chapters in their entirety and replacing with the 2017 National Electrical Code as adopted and amended by the Town of Prosper.

End of Exhibit “A”