

## § 150.02 ADOPTION OF VARIOUS STANDARD CODES.

The following codes are hereby adopted by reference as though they were fully copied herein, with deletions, alterations and additions as indicated:

(A) *The International Building Code, 2021 Edition*, as promulgated by the International Code Council, Inc., and all subsequently published annual revisions, except for the following, which shall amend and change said code only to the extent referenced:

(1) In Section 101.1 "Title." Insert "The City of Harker Heights."

(2) Section 105.1 "Required." Amend to read: "Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure; or to erect, install, enlarge, alter, repair, remove, convert, or replace any electrical, gas, mechanical, or plumbing systems; the installation of which is regulated by this code, or to install accessory structures, or to cause any such work to be done, shall first make application to the Building Official for a permit, shall comply with applicable state and local rules and regulations concerning licensing and registration, and obtain the required permit."

(3) Section 105.2 "Work Exempt From Permit."

(a) Delete Items 1, 2, 3 and 6.

(b) Change Item 4 to read "2 feet."

(4) Section 109.4 "Work Commencing Before Permit Issuance." Revise to read: "Any person who commences any work on a building, structure, electrical, gas, mechanical, or plumbing system before obtaining the necessary permits shall be subject to a penalty of the greater of \$250 or 100% of the permit fee in addition to the required permit fees."

(5) Section 109.6 "Refunds" Remove and Insert "The code official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **50** percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than **50** percent of the plan review fee paid where an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended."

(6) Section 110.6.1 "Re-inspection." Add new section to read as follows: "Where any work or installation does not pass any inspection, the necessary corrections shall be made to achieve compliance with this code. The work or installation shall then be re-submitted to the code official for re-inspection. A fee shall be paid the city for each re-inspection."

(7) SECTION 113 “BOARD OF APPEALS.” Revise to read: “Building Standards Commission”, and replace in its entirety with the following:

(8) “Section 113.1 ‘General.’ The ZBA (Zoning Board of Adjustments) is designated to hear and decide appeals of orders, decisions or determinations made by the Building Official or Fire Code Official relative to the application and interpretation of the applicable code. The ZBA shall be appointed as codified by [Chapter 155](#) of the Code of Harker Heights. The Board shall render all decisions and findings in writing to the appellant, with a duplicate copy to the code official.”

(9) Section 113.2 “Limitations of Authority.” Amend to read: “An application for appeal shall be based on a claim that the true intent of this code or the rules adopted hereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent method of construction or protection is proposed. The Board shall have no authority to waive requirements of this code.”

(10) SECTION 202 “DEFINITIONS.” Add the following:

“ALL WEATHER DRIVING SURFACE - A driving surface that is capable of supporting the imposed loads of fire apparatus and consisting of material that is impervious to damage from wet conditions and does not produce dust during dry weather conditions. Accepted materials shall consist of concrete or asphalt correctly applied.

AS DEVELOPED - The change of use of a parcel of land from a vacant, unimproved tract to one which is prepared for occupancy by buildings or structures.

MOBILE FOOD VENDOR - A mobile food unit which is wheeled, or otherwise designed to be readily transported from place to place, whether towed or self- propelled, and which is not designed to be permanently connected to domestic water, sanitary systems, or electricity.

MOBILE HOME PARK - For purposes of enforcement of these code provisions, a mobile home park shall be considered as commercial property.

THE ROUTE THAT A FIRE HOSE WOULD BE LAID - The routing of fire hose from either a public or approved on-site fire hydrant to the fire apparatus along the length of the public roadway and/or approved private fire lanes.

TEMPORARY - Any length of time not to exceed ninety (90) days without conditional use approval.”

(11) Section 406.7.2 “Canopies.” Amend the height requirement to 14 feet, 0 inches (4,267.2 mm).

(12) Section 502.1 “Address Identification.” Amend to read: “New and existing buildings shall be provided with approved address numbers or letters. One- and two-family dwellings must be a minimum of 4 inches (102 mm) high and a minimum of 0.5 inches (12.7 mm) wide; all other buildings must be 6 inches (152.4 mm) high and a minimum of 0.5 inches (12.7 mm) wide. They shall be installed on a contrasting background, be plainly visible from the street or road fronting the property. Where

access is by means of a private road and the building address cannot be seen from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. On all multi-family buildings above two-family dwellings shall be a placard mounted on the street side of the building, visible from the roadway, stating the person or company that manages the property and a 24-hour phone number. The placard minimum is 12 inches by 10 inches, with letters and numbers being 1 inch in height, and of contrasting colors to the placard and the structure.”

(13) Section 707.5 “Continuity” Change last sentence to read: “Joints, voids and intersections shall comply with sections 706.5, 706.5.1, 706.5.2, 707.8 and 707.9.”

(14) Section 903.1.2 “Special Construction Requirements.” Add new section to read as follows: “Other provisions of this code notwithstanding, automatic sprinkler systems complying with Chapter 9 of this code shall be installed in all buildings in excess of two stories, thirty-five (35) feet in height.

Exceptions: one and two family dwellings”

(15) In Section 903.2.8 “Group R.” Add exceptions:

“Exception: Construction of one (1) apartment building containing up to four (4) units on a single lot, constructed with a two (2) hour fire separation (with no penetrations) from slab to the underside of the roof between dwelling units, shall not be required to install a fire sprinkler system.

Exceptions: one and two family dwellings.”

(16) Section 1101.2 “Design.” Amend to read as follows: “Buildings and facilities shall be designed and constructed to be accessible in accordance with this chapter and the Texas Accessibility Standards (TAS) of the Architectural Barriers law, Government Code Chapter 469, as applicable.

Exceptions: Buildings regulated under state law and built in accordance with state-certified plans, including any variance or waivers granted by the state, shall be deemed to be in compliance with the requirements of this chapter.”

(17) Section 1512.2.1 “Roof Recover.” Delete #2

(18) Section 1512.3 “Roof Recovering.” Amend to read as follows: “No building hereafter constructed, altered, or re-roofed, shall have a second roof structure placed over an existing roof structure without the removal of the entire first roof.”

(19) Section 1612.3 “Establishment of Flood Hazard Areas.” Insert “The City of Harker Heights” and “September 26, 2008,” respectively.

(20) Section 1807.2 “Retaining Walls.” Amend to read: “Retaining walls two (2) feet and over must be permitted and engineered. Walls used to separate elevations between properties shall be placed on the property line or not closer than six (6) feet to the property line, allowing room to provide a drainage swale that will prevent runoff waters from inundating the adjacent properties. Retaining walls must be constructed of a material that is classified as permanent, i.e., concrete or decorative concrete block; the use of heavy timber is not permitted within ten (10) feet of any property line.

Retaining walls shall be designed in accordance with Sections 1808.2.1 through 1807.2.3. Retaining wall drawings and engineered plans must be site specific.”

(21) Table 2308.7.1 (1) through Table 2308.7.2(6) of this code are amended by deleting in their entirety all columns that refer to 2 by 4s.

(22) Appendices C, E, F, G, J, K and L are adopted.

(23) Appendices A, B, D, H, I, M, N and O are not adopted.

(B) *The International Plumbing Code, 2021 Edition*, as promulgated by the International Code Council, Inc., and all subsequently published annual revisions, except for the following, which shall amend and change said code only to the extent referenced:

(1) Section 101.1 "Title." Insert "The City of Harker Heights, Texas."

(2) Section 103.1 "Code Compliance Agency" Insert "Building Department"

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(3) Section 108.4.3 "Re-inspection and Testing." Amend to read: "Where any work or an installation does not pass any initial inspection, the necessary corrections shall be made to achieve compliance with this code. The work or installation shall then be re-submitted to the code official for re-inspection. A fee shall be paid to the city for each re-inspection."

(4) Section 109.2 "Schedule of Permit Fees" Insert "As determined in the annual budget document."

(5) Section 109.5 "Refunds" remove and Insert "The code official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **50** percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than **50** percent of the plan review fee paid where 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 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."

(6) Section 113.4 "Stop Work Order" Revise the last sentence to read: "Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable as provided in Section 150.99 of the Code of Harker Heights, Texas."

(7) Section 114 "Means of Appeals" Replace the text with the following: "See Section 113 of the International Building Code."

(8) Section 115.4 "Violation Penalties." Amend to read: "Refer to Section 150.99 of the Code of Harker Heights, Texas."

(9) Section 305.4.1 "Sewer Depth." Insert "twelve (12) inches (30.48 cm)" in both locations.

(10) Section 307.2.1 “Wall framing for walls containing plumbing” Add section to read “Any wall that contains plumbing shall be constructed of a minimum of two by six nominal stud (2X6).”

(11) Section 311.1 “Toilet Facilities for Workers General.” Add the following sentences: “Toilet facilities shall be placed not more than 300 feet (91.2 m) apart. Several builders may share the same facility, provided there is a letter on file signed by all parties.”

(12) Section 312.2 “Drainage and Vent Water Test.” Change to read: “A water test shall be applied to the drainage system, either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system shall be filled with water to the point of overflow. If the system is tested in sections, each opening shall be tightly plugged, except the highest openings of the section under test, and each section shall be filled with water, but no section shall be tested with less than a 5-foot (1,524-mm) head of water. In testing successive sections, at least the upper 10 feet (3,048 mm) of the next preceding section shall be tested so that no joint or pipe in the building, except the uppermost 10 feet (3,048 mm) of the system, shall have been submitted to a test of less than a 5-foot (1,524-mm) head of water. This pressure shall be held for not less than 15 minutes. The system shall then be tight at all points.’

(13) Section 312.3 “Drainage and Vent Air Test.” Add exemption to read: “An air test for plastic pipe not exceeding 5 psi for a period not less than 15 minutes shall be allowed for soil testing in wet weather.”

(14) Section 312.10 “Inspection and testing of backflow prevention assemblies.” Add text to last sentence to read “... and with Chapter 54 of the Code of Harker Heights.”

(15) Section 504.7.2 “Pan Drain Termination.” Delete last sentence .”

(16) Section 504.7.3 Add new section to read “An approved warning and water service shutoff device shall be required where the pan drain termination is not take to the outside.”

(17) Section 603.2 “Separation of Water Service and Building Sewer.” Delete first sentence and change to read: “The building sewer shall be horizontally separated by not less than 5 feet (1,524 mm) of undisturbed or compacted earth. The required separation distance shall not apply where a water service pipe crosses a sewer pipe, provided the water service is sleeved to a point not less than 5 feet (1,524 mm) horizontally from the sewer pipe centerline on both sides of such crossing. The sleeve shall be of pipe materials listed in Table 605.3,702.2 or 702.3. The required separation shall not apply where the bottom of the water service pipe, located within 5 feet (1,524 mm) of the sewer, is not less than 12 inches (305 mm) above the highest point of the building sewer.”

(18) SECTION 603 “WATER SERVICE.” Add new subsection 603.3 entitled “Water Service Metering,” to read as follows: “Each building to which domestic water service is supplied shall be separately metered. Each tenant space of a multi-occupancy building

shall have separate valves. Upon request for a meter set, the water service tap shall be identified and exposed by the owner or his agent. Adjacent grade at that time shall be as close to finished grade as possible. Should finished grade later prove to vary considerably from that which was anticipated upon the setting of the meter, it shall be the owner's sole responsibility to alter the grade of the water service tap, the meter, meter vault and yard line to accommodate the grade change."

(19) Section 608.15 "Location of Backflow Preventers." Add: "No backflow devices are to be located below grade."

(20) Section 705.10.2 "Solvent Cementing." Delete exceptions.

(21) Section 708.1.13 "Minimum Cleanouts Required" Add new section to read " A minimum of one (1) clean-out conforming with section 708 and one (1) clean out located within 5' inside the property line shall be required. Where a cleanout is in conflict with any easement, public or private, the placement of the cleanout shall be coordinated with the City Building Official."

(22) SECTION 712 "SUMPS AND EJECTORS." Add new subsection 712.5, to read as follows: "All portions of any equipment associated with a sewer sump or ejector shall be installed out-of-doors, and not within any building intended for human habitation."

(23) Section 802.1.4 "Swimming Pools." Amend as follows: "Wastewater from swimming pools, backwater from filters shall discharge to the nearest public roadway or approved drainage reserves by means of adequate piping."

(24) Section 903.1.1 "Roof Extensions." Insert: "6 inches (15.24 cm)."

(25) Section 904.1 "Required Vent Extension." Add the following sentence: "Every building in which plumbing is installed shall have at least one vent, the size of which is not less than 3 inches (76 mm)."

(26) Section 918.1 "Air Admittance Valves General." Add subsection 918.1.1 to read: "The use of air admittance valves must have prior approval by the Building Official."

(27) Section 1003.3.4 "Grease Trap and Grease Interceptor Not Required." Add the following exception: "An interceptor may be required for an individual dwelling unit or private living quarters, if there is reasonable cause to believe that injurious or illegal materials are being discharged to the public sewer in quantities reasonably calculated to cause damage to sewage treatment plants and/or processes. Nothing in subsection 1003.1.1 above shall be construed to relieve a multi-occupant facility, whether housing or otherwise, from installing a trap or interceptor, when it can be reasonably shown that the cumulative discharge of relatively small amounts of potentially injurious materials by individual tenants is sufficient to endanger the public sewer system. The responsibility for installation and maintenance of an interceptor in these circumstances is upon the owner or his agent."

(28) Appendices B, C, D, and E are adopted.

(29) Appendix A and F is not adopted.

(C) The International Mechanical Code, 2021 Edition, as promulgated by the International Code Council, Inc., and all subsequently published annual revisions, except for the following, which shall amend and change said code only to the extent referenced:

(1) Section 101.1 "Title." Insert "The City of Harker Heights, Texas."

(2) Section 108.2 "Re-inspection and Testing." Change to read as follows: "Where any work or installation does not pass any inspection, the necessary corrections shall be made so as to achieve compliance with this code. The work or installation shall then be re-submitted to the code official for re-inspection. A fee shall be paid the city for each re-inspection."

(3) Section 109.2 "Schedule of Permit Fees." Insert "As determined in the annual budget document."

(4) Section 109.6 "Refunds." Insert. Section 109.6 "Refunds" remove and Insert "The code official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than 50 percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than 50 percent of the plan review fee paid where 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."

(5) Section 113.4 "Failure to Comply." Revise the last sentence to read: "Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable as provided in Section 150.99 of the Code of Harker Heights, Texas."

(6) SECTION 114 "MEANS OF APPEAL." Replace the text with the following: "See Section 113 of the International Building Code."

(7) Section 115.4 "Violation Penalties." Amend to read: "Refer to Section 150.99 of the Code of Harker Heights, Texas."

(8) Section 304.3 "Elevation of Ignition Source." Delete exception.

(9) Section 307.2.1.1 "Condensate discharge" after first sentence change to read "Condensate drains shall not discharge into a plumbing fixture without prior approval from the Building Official"

(10) Section 504.5 "Dryer Exhaust Duct Power Ventilators." Add to end of section: "The ventilator shall be accessible for inspection, service, repair, and replacement without removing any permanent construction or ducts not connected to the ventilator."

(11) Appendix A is adopted.

(12) Appendix B and C are not adopted.

(D) The International Fuel Gas Code, 2021 Edition, as promulgated by the International Code Council, Inc., and all subsequently published annual revisions issued, except for the following, which shall amend and change said code only to the extent referenced:

(1) Section 101.1 "Title." Insert "The City of Harker Heights."

(2) Section 109.2 "Schedule of Permit Fees." Insert at the end of the sentence "in the annual budget documents."

(3) Section 109.6. " Refunds." . Replace the text with the following: "The code official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **50** percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than **50** percent of the plan review fee paid where 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."

(4) Section 112.3.3 "Re-inspection and Testing." Amend to read: "Where any work or installation does not pass any inspection, the necessary corrections shall be made so as to achieve compliance with this code. The work or installation shall then be re-submitted to the code official for re-inspection. A fee shall be paid to the city for each re-inspection."

(5) Section 115.4 "Violation Penalties." Amend to read: "Refer to Section 150.99 of the Code of Harker Heights, Texas."

(6) SECTION 113 "MEANS OF APPEAL." Replace the text with the following: "See Section 113 of the International Building Code."

(7) Section 116.4 "Failure to Comply." Revise the last sentence to read: "Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable as provided in Section 150.99 of the Code of Harker Heights, Texas."

(8) Section 406.4.2 "Test Duration." Amend to read: "Test duration shall be not less than 15 minutes. For larger piping systems the code official may require a longer test duration, not to exceed 24 hours."

(9) Add Section 406.4.3 "Test Gauges. Gauges used for testing shall be as follows:

1. Tests requiring a pressure of 10 psi or less shall utilize a testing gauge having increments of 0.10 psi (0.69 kPa) or less.
2. Tests requiring a pressure higher than 10 psi (69 kPa) but less than or equal to 100 psi (690 kPa) shall use a testing gauge having increments of 1 psi (6.9 kPa) or less.
3. Tests requiring a pressure higher than 100 psi (690 kPa) shall use a testing gauge having increments of 2 psi (14 kPa) or less."

(10) Appendices A, B, C, and D are adopted.

(11) Appendices E is not adopted.

(E) *The International Energy Conservation Code, 2021 Edition*, as promulgated by the International Code Council Inc., and all subsequently published annual revisions issued, except for the following, which shall amend and change said code only to the extent referenced:

(1) Section C101.1 "Title." Insert "The City of Harker Heights."

(2) . Section C104.5 Replace the text with the following: "The code official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **50** percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than **50** percent of the plan review fee paid where 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."

(3) Section C105.6 "Re-inspection and Testing." Amend to read: "Where any work or installation does not pass an inspection, the necessary corrections shall be made so as to achieve compliance with this code. The work or installation shall then be resubmitted to the code official for re-inspection. A fee shall be paid to the city for each re-inspection.

(4) Section C109.4 "Failure to Comply." Revise the last sentence to read: "Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable as provided in Section 150.99 of the Code of Harker Heights, Texas."

(5) SECTION C110 "BOARD OF APPEALS." Replace the text with the following: "See Section 113 of the International Building Code."

(6) Section R101.1 "Title." Insert "The City of Harker Heights."

(7) . Section R104.5 Replace the text with the following: "The code official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **50** percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than **50** percent of the plan review fee paid where 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."

(8) Section R105.6 "Re-inspection and Testing." Amend to read: "Where any work or installation does not pass an inspection, the necessary

corrections shall be made so as to achieve compliance with this code. The work or installation shall then be resubmitted to the code official for re-inspection. A fee shall be paid to the city for each re-inspection.”

(9) Section R109.4 "Failure to Comply." Revise the last sentence to read: “Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable as provided in Section 150.99 of the Code of Harker Heights, Texas.”

(10) SECTION R110 “BOARD OF APPEALS.” Replace the text with the following: “See Section 113 of the International Building Code.”

(F) *The International Residential Code for One and Two Family Dwellings, 2021 Edition*, as promulgated by the International Code Council, Inc., and all subsequently published annual revisions, except for the following, which shall amend and change said code only to the extent referenced:

(1) Section R101.1 "Title." Insert "The City of Harker Heights."

(2) Section R105.1 "Required." Amend to read: "Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert, or replace any electrical, gas, mechanical, or plumbing system, the installation of which is regulated by this code, or to install accessory structures, or to cause any such work to be done, shall first make application to the Building Official for a permit. Any owner or authorized agent shall also comply with applicable state and local rules and regulations concerning licensing and registration, and obtain the required permit."

(3) Section R105.2 "Work Exempt from Permit." Remove exemptions 1, 2, 4, 5 and 10, and change number 3 to read: "Retaining walls that are not over 2 feet (609.6 mm) in height."

(4) Section R109.4.1 "Re-inspection." Add new section to read as follows: "Where any work or installation does not pass any inspection, the necessary corrections shall be made to achieve compliance with this code. The work or installation shall then be re-submitted to the Building Official for re-inspection. A fee shall be paid the city for each re-inspection."

(5) SECTION R112 "BOARD OF APPEALS." Replace the text with the following: "Refer to Section 113 of the International Building Code."

(6) Section R113.4 "Violation Penalties." Add the following sentence: "Refer to Section 150.99 of the Code of Harker Heights."

(7) Table 301.2. Insert the following criteria:

Snow load 5 pounds/foot

Wind 115 (3-sec gust)/75 fastest mile

Seismic Design Category B

Weathering Moderate

Frostline depth 4 inches

Termite Moderate to heavy

Decay Slight to moderate

Winter Design Temperature 26° F

Flood Hazards Local Code

(8) Section R306.5 "Toilet Facilities for Workers." Add to read as follows: "Toilet facilities shall be provided for construction workers, and such facilities shall be maintained in a sanitary condition. Construction worker toilet facilities of the non-sewer type shall conform to ANSI Z4.3. The path of travel to required facilities shall not exceed a distance of 300 feet (91.2 m)."

(9) Section R313.2 "Automatic Fire Sprinkler Systems." Delete this section.

(10) Section 313.2.1 "Design and Installation." Amend to read: "Automatic residential fire sprinkler systems when installed shall be designed and installed in accordance with Section P2904 or NFPA 13D."

(11) Section R404.6 "Retaining Walls." Add new section to read as follows; "Retaining walls two (2) feet and over must be permitted and engineered. Walls used to separate elevations between properties shall be placed on the property line or not closer than six (6) feet to the property line, allowing room to provide a drainage swale that will prevent runoff waters from inundating the adjacent properties. Retaining walls must be constructed of a material that is classified as permanent, i.e., concrete or decorative concrete block; the use of heavy timber is not permitted within ten (10) feet of any property line. Retaining wall drawings and engineered plans must be site specific."

(12) Section R602.3.1 Stud size, height and spacing. Add the following exemption: "4. Where plumbing is present and passes through more than one framing member within a wall assembly, no less than two by six (2x6) framing shall be used. (Wet Walls)"

(13) SECTION R801 "GENERAL." Add Section R801.4 "Roof Framing." to read as follows: "Roof framing materials, two inch (2") by four inch (4"), referred to in the span tables of this chapter, shall not be permitted in habitable structures except when used in engineered trusses."

(14) Section 908.3.1 "Roof Re-cover." Delete this section.

(15) Section 908.3.1.1. Delete this section.

(16) Section 908.4 "Roof Re-covering." Delete this section.

(17) Section 908.7 "Secondary Roofing." Add section to read as follows: "No building hereafter constructed, altered, or re-roofed, shall have a second roof structure placed over an existing roof structure without the removal of the entire first roof."

(18) Section P2501.3 "Metering." Add new section: "Each dwelling to which domestic water service is supplied shall be separately metered. Upon request for a meter set, the water service tap shall be identified and exposed by the owner or his agent. Adjacent grade at that time shall be as close to finished grade as possible. Should finished grade later prove to vary from that which was anticipated upon the setting of the meter, it shall be the owner's sole responsibility to alter the grade of the water service tap, the meter, meter vault and yard line to accommodate the grade change.:"

(19) Section P2501.4 "Sewer Connection." Add new section: "Each dwelling which contains plumbing fixtures designed to waste to the sanitary drainage system shall have a separate connection at the public sewer. Each household unit of a townhouse or two family dwelling shall have a separate connection to the public sewer, and shall not share any portion of the DWV system. A common collector line may receive the discharge from each household unit in the case of two family dwellings under common ownership and management."

(20) Section 2603.1.1 Add new section to read "Wall framing for walls containing plumbing" Add section to read "Any wall that contains plumbing shall be constructed of a minimum of two by six nominal stud (2X6)."

(21) Section 2603.5.1 Add 12" at both locations. (22) Section 2801.6.3 Add new section to say "An approved warning and water service shutoff device shall be required where the pan drain termination is not take to the outside."

(22) Section 2902. After last sentence add the following: "No backflow devices shall be located below grade."

(23) Section P2902.4.3 "Hose Connection." Add the following: "All hose bibs installed on the exterior of the building shall be protected with a back flow preventer that is an integral part of the hose bib."

(24) Sections 3005.2 after last sentence add the following: "A minimum of one (1) clean-out conforming with section 3005.2.1 through 3005.2.11 and one (1) clean out located within 5' inside the property line shall be required. Where a cleanout is in conflict with any easement, public or private, the placement of the cleanout shall be coordinated with the City Building Official."

(25) Section 3005.4.2.1 Add new section to read as follows: "Building sewers shall not be less than 3 inches (7.62 cm) in diameter."

(26) Table 3005.4.2. Add footnote "c". Amend to read as follows: "Building sewers shall not be less than 3 inches (7.62 cm) in diameter."

(27) Section P3007.1.1 "Location of Sumps and Ejectors." Add to read as follows: "All portions of any equipment associated with a sewer sump or ejector shall be installed out-of-doors, and not within any building intended for human habitation."

(28) Section P3102.1 "Required Vent Extension." Add the following: "Every building in which plumbing is installed shall have at least one stack, the size of which not less than 3 inches (7.62 cm). Such stack shall run undiminished in size, and as directly as possible from the building drain through to the open air or a vent header that extends to the open air. Where possible, the 3-inch (7.62-cm) vent should serve the water closet farthest from where the building sewer exits the building."

(29) Section P3114.1 "General." After last sentence add the following: "Air admittance valves may only be installed with prior written authorization of the Building Official."

(30) Section E3601.6.2 “Service Disconnect Locations.” Amend to read: “The service disconnecting means shall be installed at a readily accessible location outside of the building, and as close to the meter base as possible. Each occupant shall have clear access to the service disconnecting means serving the dwelling unit in which they reside.”

(31) Section AI101.1 of Appendix I “Private Sewage Disposal.” Amend to read: “All private sewage disposal systems shall conform to the requirements of the Texas Department of Health and the Texas Commission on Environmental Quality, as administered by the Bell County Health Department.”

(32) Appendices AA, AB, AC, AD, AG, AH, AI, AJ, AK, AM, AN, AO, AP AQ, and AV are adopted.

(33) Appendices AE, AF, AL, AR, AS, AT, AU and AV are not adopted.

(G) *The International Property Maintenance Code, 2021 Edition*, as promulgated by the International Code Council, Inc., and all subsequently published annual revisions, except for the following, which shall amend and change said code only to the extent referenced:

(1) Section 101.1 "Title." Insert "The City of Harker Heights."

(2) Section 104.1 "Fees." Amend to read: "The fees for activities and services and/or permits required by this department shall be paid as required, in accordance with the schedule as established in the annual budget document."

(3) SECTION 107 "MEANS OF APPEAL." Replace the text with the following: "See Section 113 of the International Building Code."

(4) SECTION 108 "Board of Appeals": Delete entire section.

(5) Section 302.4 "Weed." Insert: "12 inches (304.8 mm)."

(6) Section 302.8 "Motor Vehicles." Amend to read: "Except as provided in other regulations, no inoperative and not displaying a current registration and inspection certificate, motor vehicle shall be parked, kept or stored on any premises visible from any public property, and no vehicle shall at any time be in a state of disassembly, disrepair, or in the process of being stripped or dismantled. Painting of vehicles is prohibited unless conducted inside an approved spray booth."

(7) Section 304.14 "Insect Screens." Amend to read: "Every door, window and other outside opening required for ventilation of habitable rooms, food preparation areas, food service areas, or anywhere products to be included or utilized in food for human consumption are processed, manufactured, packaged, or stored, shall be supplied with approved tightly fitting screens of less than sixteen (16) mesh per inch (16 mesh per 25 mm), and every swinging door shall have a self-closing device in good working condition."

(8) Section 602.3 "Heat Supply." Amend to read: "Every owner and operator of any building who rents, leases, or sublets one or more dwelling unit, rooming unit, dormitory or guestroom on terms, either expressed or implied, to furnish heat to the occupants thereof shall supply heat to maintain a temperature of not less than 65° F (18° C) in all habitable rooms, bathrooms, and toilet rooms."

(9) Section 602.4 "Occupiable Work Spaces." Amend to read: "Indoor work spaces that may be occupied shall be supplied with heat to maintain a temperature of not less than 65° F (18° C) during the period that the space is occupied."

Exceptions: remain as written.

(10) Appendix A is hereby adopted.

(11) Appendix B not adopted.

**(H) *The International Existing Building Code, 2021 Edition***, as promulgated by the International Code Council, Inc., and all subsequently published annual revisions, except for the following, which shall amend and change said code only to the extent referenced:

**(1) Section 101.1 “Title”** Insert “The City of Harker Heights”

**(2) Section 105.1.1 Annual Permit and 105.1.2 Annual Permit Records** “Delete in its entirety”

**(3) Section 105.2 Work Exempt from permit “Delete Number 1”**

**(4) Section 109.5.1 Add New Section “ Re-inspection”** to read: “Where any work or an installation does not pass any initial inspection, the necessary corrections shall be made to achieve compliance with this code. The work or installation shall then be re-submitted to the code official for re-inspection. A fee shall be paid to the city for each re-inspection.”

**(5) Section 112 “Means of Appeals”** Replace the text with the following: “Refer to Section 113 of the 2015 International Building Code”

**(6) Section 705 .2.1 “Roof recover”** Delete Item 1.

**(7) Section 705.2.1.1 “Exceptions”** Delete entire section and add the following: “Roof Recovering: New roof coverings shall not be installed without first removing all existing layers of roof coverings down to the roof deck.”

**(7) 705.3 “Roof recovering”** Delete Section

(l) *The International Swimming Pool and Spa Code, 2021 Edition*, as promulgated by the International Code Council Inc., and all subsequently published annual revisions issued, except for the following, which shall amend and change said code only to the extent referenced:

(1) Chapter 1, part 101.1 "Title." Insert "The City of Harker Heights."

(2) 108.2 "Schedule of Permit fees" Amend to read: "The fees for work shall be as indicated in the city adopted fee schedule."

(3) Section 108.6 "Fee Refund." Remove and Insert "The code official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **50** percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than **50** percent of the plan review fee paid where 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."

(4) Section 110.16 "Re-inspection and Testing." Amend to read: "Where any work or installation does not pass an inspection, the necessary corrections shall be made so as to achieve compliance with this code. The work or installation shall then be resubmitted to the code official for re-inspection. A fee shall be paid to the city for each re-inspection."

(5) SECTION 111 "MEANS OF APPEALS." Replace the text with the following: "See Section 113 of the International Building Code."