# TOWN BOARD WORK SESSION

January 28, 2019 - 5:30 PM
1st Floor Conference Room, 301 Walnut Street, Windsor, CO 80550

***GOAL* of this Work Session is to have the Town Board receive information on topics of Town business from the Town Manager, Town Attorney and Town staff in order to exchange ideas and opinions regarding these topics.**

Members of the Public in attendance are asked to be recognized by the Mayor before participating in any discussions of the Town Board

## AGENDA

1. Adoption of 2018 International Fire Code and Land for Station #4 – Sandi Friedrichsen
2. Future Meetings Agenda

The Town of Windsor will make reasonable accommodations for access to Town services, programs, and activities and will make special communication arrangements for persons with disabilities. Please call (970) 674-2400 by noon on the Thursday prior to the meeting to make arrangements.

# MEMORANDUM

**Date:** January 28, 2019
**To:** Mayor and Town Board
**Via:** Shane Hale, Town Manager
**From:** Kris Kazian, Fire Chief and Sandi Friedrichsen, Fire Marshal
**Re:** 2018 International Fire Code and Proposed Location for Station #4
**Item #:** 1.

**ATTACHMENTS:**

- Windsor-Severance Fire Protection District Resolution 2013-1
- Windsor-Severance Fire Protection District Resolution 2018-4
- Windsor Severance Fire Proposed Location and Summary

# FIRE CODE
# RESOLUTION 2013-1
# WINDSOR-SEVERANCE FIRE PROTECTION DISTRICT

**A RESOLUTION OF THE BOARD OF DIRECTORS ADOPTING THE INTERNATIONAL FIRE CODE, PRESCRIBING REGULATIONS GOVERNING CONDITIONS HAZARDOUS TO LIFE AND PROPERTY FROM FIRE OR EXPLOSION, AND PROVIDING FOR THE ISSUANCE OF PERMITS FOR HAZARDOUS USES OR OPERATION.**

**WHEREAS,** The Board of Directors of the Windsor-Severance Fire Protection District deems it necessary to adopt the following code for the purpose of establishing rules of conduct and standards for the protection of life, health, property, security, and welfare of the inhabitants of the District; and

**WHEREAS,** The Board of Directors has considered the effect of the fire code enforcement within the boundaries of the District and has determined that enforcement of the proposed codes would not cause undue hardship or suppression of economic growth within the District; and

**WHEREAS,** The Board of Directors has studied the necessity for realistic and reasonable level of fire protection to be provided by a fire protection district; and

**WHEREAS,** The Board of Directors will pursue adoption by municipalities within the limits of the District and by counties in which territories of the District are located to adopt the same codes for the purpose of ensuring equitable protection of all of the inhabitants of the District;

**NOW, THEREFORE, BE IT RESOLVED:**

**SECTION I:** Adoption of the 2012 International Fire Code and referenced International Fire Code Standards.

The International Fire Code 2012 Edition, issued and published by the International Code Council, 4501 West Flossmoor Road, Country Club Hills IL 60478-5795, including appendices B, C, D, H, I and J, is hereby adopted by reference as the fire code of the district. The purpose of the fire code is to provide minimum standards to safeguard life and limb, health, property and the public welfare by regulating fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises; and to provide for the issuance of permits and collection of fees therefore. At least one copy of the International Fire Code, 2012 Edition, shall be on file in the office of the fire department, and may be inspected during regular business hours.

The date on which this Resolution shall take effect within the incorporated municipalities within this District shall be the date of approval by the governing board of said municipality and the date on which it shall take effect within the unincorporated portions of Weld/Larimer Counties shall be on the date of approval by the Boards of County Commissioners in and for the Counties

of Weld/Larimer State of Colorado. This Code shall be in effect within the territorial limits of the Windsor-Severance Fire Protection District.

**SECTION II:** Establishment and Duties of Fire Prevention.

Organizational structure and duties of the Fire Prevention Bureau or Division, if any, shall be as provided by the District's policies and or directives.

**SECTION III:** Definitions.

Wherever the word "District" is used, it shall mean the Windsor-Severance Fire Protection District.

Wherever the word "jurisdiction" is used in the adopted Code and Standards, it is meant to be inclusive of the boundaries of the Windsor-Severance Fire Protection District as they now or may hereafter exist.

Where the term "Chief" or "Chief of the Bureau of Fire Prevention" is used, it shall be held to mean the Chief of the Windsor-Severance Fire Protection District, or a designated member of the District.

Where the term "Bureau of Fire Prevention" is used, it shall be held to mean either the entire Fire Prevention Division or those employees (paid or volunteer) designated by the Chief to carry out enforcement duties relating to the prevention of fires and suppression of arson.

Where the term "Board" is used, it shall be held to mean the Board of Directors of the Windsor-Severance Fire Protection District.

Where the term "Board of Appeals" is used, it shall refer to the District's Board or to the boards established by the applicable municipalities or counties, if any.

Wherever the term "this code" is used, it shall be held to mean the International Building Code as adopted, amended and incorporated into the Weld/Larimer County Building Code, Town of Windsor/Severance Building Code.

**SECTION IV:** Amendments made in and to the 2012 International Fire Code. The 2012 International Fire Code is amended and changed in the following respects:

Section 105.6 amended - Operational Permits.

The International Fire Code is amended by deletion of Sections 105.6.11, 105.6.15, 105.6.17,105.6.29, 105.6.35, 105.6.38, 105.6.46 as published.

Section 105.6.27 amended - LP Gas.

Section 105.6.27 of the International Fire Code is amended by the deletion of section 105.6.27 and the adoption of the following:

105.6.27 LP Gas. An operational permit is required for the storage and use of LP gas containers having an individual water capacity of 250 gallons or greater.

Section 108 amended - Board of Appeals.

Section 108 of the International Fire Code is amended by deletion of Section 108 as published and adoption of the following:

108.1 Board of Appeals established. The board of appeals is established and governed as the Windsor Severance Fire Protection District Board of Directors.

Section 109.1 amended - Unlawful Acts.

Section 109.1 of the International Fire Code is amended by addition of the following: 109.1.1 Unlawful Parking. Vehicles parked in fire apparatus access roads marked in accordance with Appendix D Section 103.6 shall be in violation of the municipal code and model traffic code of the town where located.

Section 109.4 amended - Violation penalties

Section 109.4 of the International Fire Code is amended by deletion of Section 109.4 as published and adoption of the following:

Section 109.4 Violation penalties.

A. Any person, partnership or corporation who violates this chapter or fails to obey it, or who violates or fails to obey any order made under it, or who builds in violation of any detail statement or specifications or plans submitted and approved under it, or builds in violation of any certificate or permit issued under it, commits a separate offense for each day or part of a day the violation exists. Offenses are punishable according to Colorado law. Imposition of one penalty for any violation shall not excuse the violation, nor permit it to continue; and all such persons shall correct or remedy such violations or defect within a reasonable time.

Section 308.1.1 amended - Open Flames.

Section 308.1.1 of the International Fire Code is amended in part, by addition of the following: 308.1.1 Open Flames. Sky Lanterns. The lighting of, and the release of, Sky Lanterns shall be prohibited.

Section 403.2 - amended - Public Safety Plan.

Section 403.2 of the International Fire Code is amended by the deletion of Section 403.2 as published and adoption of the following:

403.2 Public Safety Plan. In all occupancies, where the code official determines that an indoor or outdoor gathering of persons has a potential adverse impact on public safety through diminished access to buildings, structures, fire hydrants and fire apparatus roads, or where such gatherings adversely affect public safety services of any kind, the code official shall have the authority to order the development of, or prescribe a plan for, the provision of an approved level of public safety.

Section 503 amended - Fire apparatus access roads.

Section 503 of the International Fire Code is amended by deletion of Section 503.1 through 503.2.8 as published and adoption of the following:

Section 503 Fire Apparatus Access Roads.

503.1 Where required. Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3.

503.1.1 Buildings and facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet of all portion of the exterior wall of the first story of the building as measured by an approved route around the exterior of the building or facility.

Exception: The code official is authorized to increase the dimension of 150 feet where:

1. To a maximum of 300 feet when the building is equipped throughout with an approved NFPA 13 automatic sprinkler system not required by another provision of the code.
2. When fire apparatus access roads cannot be installed due to location on property, topography, waterways, non-negotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.

503.1.2 Additional access. A minimum of two separate and independent access/egress routes shall be provided when more than 25 individual dwelling units, or combined potential aggregate building area of more than 24,000 square feet in other type of development will be served by the access.

Exception: When all buildings are protected by approved automatic fire sprinkler systems, installed in accordance with NFPA 13 (NFPA 13D for Group R-3), two access/egress routes need not be provided unless more than 50 dwelling units or a combined potential aggregate building area of more than 48,000 square feet will be served by the single access/egress route.

503.2 Specifications. Fire apparatus roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.8 and local Design Standards and Construction Specifications.

503.2.3 Surface. The full width of fire apparatus access roads shall be constructed with at least the first lift of an approved type of paving material in place and meet all of the construction requirements of the local Design Standards and Construction Specifications.

503.2.4 Turning Radius. The centerline radius of all turns shall not be less than 40 feet. No turn shall have less than a 30 foot inside radium and a 50 foot outside radius.

503.2.5 Dead Ends. Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved area for turning around fire apparatus. Dead-ends in excess of 1,000 feet are not allowed.

Exception: When all buildings are equipped throughout with approved automatic sprinkler systems installed in accordance with NFPA 13 (NFPA 13D for one and two unit dwellings) the dead-end may be extended to 300 feet before a turnaround is required.

503.2.7 Grade and Vertical Alignment. The grade and vertical alignment of the fire apparatus access road shall be in accordance with the requirements of the local Design Standards and Construction Specifications.

503.2.9 Neck Downs and Islands. Short neck downs and islands may be allowed by the code official where all of these conditions are met:

1. The design does not negatively impact the turning radius of fire apparatus or the ability to safely operate aerial apparatus; and

2. They are designed to eliminate the potential blockage by lawfully parked vehicles and a 20 foot minimum clear width access is maintained throughout.

Section 507.3 amended - Fire Flow.

Section 507.3 of the International Fire Code is amended by deletion of Section 507.3 as published and adoption of the following:

507.3 Fire Flow. Fire flow requirements for buildings or portions of buildings and facilities shall be determined in accordance with Appendix B.

Section 507.5.7 addition - Fire Department Connections.

Section 507.5.7 of the International Fire Code is amended by addition of the following:

507.5.7 Fire Department Connections. A fire hydrant shall be located within 150 feet of a fire department connection, using an approved route without obstacles.

Section 510.1.1 addition - Where required.

Section 510.1.1 of the International Fire Code is amended by addition of the following:

510.1.1 Where required. Where adequate radio coverage cannot be established within a building, as defined by the fire code official, public safety radio amplification systems shall be installed in the following locations:

1. New buildings with a total building area greater than 50,000 square feet. For the purpose of this section, fire walls shall not be used to define separate buildings.
2. All new basements larger than 10,000 square feet.
3. Existing buildings meeting the criteria of item 1 or 2 of this section undergoing alterations or additions exceeding 50% of the existing aggregate area of the building as of the date of this ordinance.

Exceptions:

1. One and two-family dwellings and townhouses
2. If approved by the fire code official, buildings that provide a documented engineering analysis indicating the building is in compliance with radio reception levels in accordance with Section 510.4.1 and final fire department testing.

Section 603.8.1 amended - Residential Incinerators.

Section 603.8.1 of the International Fire Code is amended by deletion of Section 603.8.1 as published and adoption of the following:

603.8.1 Residential incinerators. Residential incinerators shall be prohibited.

Section 901.1 amended - Scope.

Section 901.1 of the International Fire Code is amended by deletion of Section 901.1 as published and adoption of the following:

901.1 Scope. The provisions of this chapter shall specify where fire protection systems are required and shall apply to the design, installation, inspection, operation, testing and maintenance of all fire protection systems. When the requirements of this code and the adopted building code are in conflict, the more restrictive shall apply.

Section 903.1 amended – Fire Protection Systems:

Section 903.1 of the International Fire Code is amended by addition of the following:

903.1 General. An automatic fire sprinkler system shall be installed in the occupancies and locations, as set forth in this Section 903, or in any Commercial or Industrial building where the floor area exceeds 5000 square feet.

The installation of automatic sprinkler systems shall apply when the floor area exceeds 5000 square feet, regardless of the cumulative floor area expansion. For buildings that exceed 5000 square feet the option is provided to allow for 1 hour fire separation barrier between tenants to keep individual areas at or below 5000 square foot requirement.

Section 903.1.1 amended - Alternative Protection.

Section 903.1.1 of the International Fire Code is amended by deletion of Section 903.1.1 as published and adoption of the following:

903.1.1 Alternative Protection. Alternative automatic fire-extinguishment systems complying with Section 904 shall be permitted in lieu of automatic sprinkler protection where recognized by the applicable standard and approved by the building code official and fire code official.

Section 903.2.11.1.3 amended - Basements.

Section 903.2.11.1.3 of the International Fire Code is amended by addition of the following:

903.2.11.1.3 Basements. Unfinished basement walls shall be clearly marked with the words "suppression required in basement if interior walls are constructed" per International Code Section 703.7 numbers 2 and 3.

Section 903.2.13 addition - Dead-end Roadways.

Section 903.2.13 of the International Fire Code is amended by addition of the following:

903.2.13 Dead-end Roadways. An automatic fire sprinkler system shall be installed in all Group R fire areas, including single family detached residences, when the residential structure is located beyond 400 feet of the entrance to a dead-end roadway.

Section 903.3.1.3 amended - NFPA 13D Sprinkler Systems.

Section 903.3.1.3 of the International Fire Code is amended by deletion of Section 903.3.1.3 as published and adoption of the following:

903.3.1.3 NFPA 13D Sprinkler Systems. Automatic sprinkler systems shall not be required in one- or two- family dwellings including townhomes that are located within 600 feet of a fire hydrant meeting minimum flow and pressure requirements and located within 400 feet from the entrance on a dead-end roadway. All other one- and two-family dwellings including townhouses shall have automatic sprinkler systems installed in accordance with NFPA 13D.

Section 903.4.3 amended - Floor Control Valves.

Section 903.4.3 of the International Fire Code is amended by deletion of Section 903.4.3 as published and adoption of the following:

903.4.3 Floor Control Valves. Approved supervising indicating control valves shall be provided at the point of connection to the riser on each floor in all multi-story structures.

Section 904.3.5 amended - Monitoring.

Section 904.3.5 of the International Fire Code is amended by addition of the following:

904.3.5.1 Monitoring. Monitoring of alternative automatic fire-extinguishing systems, when installed as an alternative to the required automatic sprinkler systems of Section 903, monitoring shall be required in accordance with NFPA 72.

Section 907.1.3 amended - Equipment.

Section 907.1.3 of the International Fire Code is amended by deletion of 907.1.3 as published and the adoption of the following:

907.1.3 Equipment: Systems and components shall be listed and approved for the purpose which they are installed. Only addressable fire alarm panels will be approved.

Exception: Fire alarm panels that can transmit individual specific initiating device information.

Section 907.1.3.1 Combination fire and security panels. A fire alarm system shall not be used for any purpose other than fire protection or control of fire protection systems. Combination fire and security panels are not permitted.

Section 907.2.1 amended - Group A.

Section 907.2.1 of the International Fire Code is amended by deletion of 907.2.1 as published and adoption of the following:

907.2.1 Group A. A manual and automatic fire alarm system shall be installed in accordance with NFPA 72 in all Group A occupancies. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm as required for the Group E occupancy.

Exceptions:

1. Where the building is equipped throughout with an automatic sprinkler system and the alarm notification appliances will activate upon sprinkler flow.
2. Fire area is 750 square feet or less.

Section 908.7 amended - Carbon Monoxide Detection Systems.

Section 908.7 of the International Fire Code is amended by the addition of the following:

Whenever a residential occupancy that has a fuel-fired appliance or attached garage has interior work performed that requires a permit, or whenever a residential property changes ownership or tenancy, a carbon monoxide detector shall be installed within 15 feet of any sleeping areas; those detectors may be battery operated, hard wired, or cord and plug type.

Section 1008.1.9.6 amended - Special Locking Arrangements in Group I-2.

Section 1008.1.9.6 of the International Fire Code is amended by replacing the word "or" in the second sentence with the word "and".

Section 1008.1.9.7 amended - Delayed Egress Locks.

Section 1008.1.9.7 of the International Fire Code is amended by the deletion of the first sentence of 1008.1.9.7 as published and the adoption of the following:

Approved, listed, delayed egress locks shall be permitted to be installed on doors serving any occupancy except Group A, E and H occupancies in buildings which are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and an approved automatic smoke detection system installed in accordance with Section 907, provided that the doors unlock in accordance with Items 1 through 6 below.

Section 1018.1 amended - Corridors.

Section 1018.1 of the International Fire Code is amended by the revision of Table 1018.1 to the following:

Occupancy Group R required corridor fire-resistance ratings in buildings with a sprinkler system shall be 1 hour.

Section 3405 amended - Outdoor Storage.

Sections 3405.1 and 3405.4 of the International Fire Code are amended to read as follows:

3405.1 Tire Amounts. Outdoor storage of tires shall be restricted to no more than 500 tires per lot

3405.4 Distance from lot lines. Within 10 feet of property lines, tire storage shall not exceed the height of a single tire on tread (approximately 36 inches) from ground level. Distances of 10 feet or greater from property lines, tire storage shall not exceed 6 feet in height.

Section 5003.3.1 amended - Unauthorized discharges.

Section 5003.3.1 of the International Fire Code is amended by deletion of Section 5003.3.1 as published and adoption of the following:

5003.3.1 Unauthorized discharges. The owner or person in possession or control of any property or the person in possession or control of any hazardous materials shall immediately notify the fire department when any unauthorized discharge of hazardous materials occurs. The following procedures are required in accordance with Sections 5003.3.1.1 through 5003.3.1.4.

Chapter 80 amended - NFPA Codes.

The below referenced NFPA codes in Chapter 80 of the International Fire Code are amended by deletion as published and adoption of the following:

National Fire Protection Association (NFPA), Batterymarch Park, Quincy, MA 02269.

13- 2010 Installation of Sprinkler Systems to 13-2013
13D- 2010 Installation of Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes to 13D-2013
13R - 2010 Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height to 13R-2013
30B-2011 Manufacture and Storage of Aerosol Products to 30B-2012
51A - 2011 Acetylene Cylinder Charging Plants to 51A- 2012
99-2010 Health Care Facilities to 99-2012
111-2010 Stored Electrical Energy Emergency and Standby Power Systems to 111-2012
170-2009 Standard for Fire Safety and Emergency Symbols to 170-2012
211-2010 Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances to 211- 2012
385-2007 Tank Vehicles for Flammable and Combustible Liquids to 385-2012
409-2010 Aircraft Hangers to 409-2011
505-2010 Powered Industrial Trucks, Including Type Designations, Areas of Use, Maintenance, and Operation to 505-2011
1122-2008 Model Rocketry 1122-2013
2001- 2011 Clean Agent Fire Extinguishing Systems to 2001-2012

Appendix C105 amended - Distribution of Fire Hydrants.

Appendix C105 of the International Fire Code is amended by deletion of Section Appendix C105 as published and adoption of the following:

Appendix C105 Distribution of Fire Hydrants.

Multi-Family Residential: Hydrants shall be 200 feet from structures and spacing of 400 feet in the city limits.

Commercial and Industrial: Hydrants shall be 150 feet from structures and spacing of 300 feet.

Residential: Fire hydrants shall be no greater than 600 feet apart; with no structure greater than 300 feet from a hydrant.

Low Density Residential: An individual analysis will be conducted for each subdivision where lots within the subdivision are equal or greater than 2 acres. Low Density Residential shall comply with residential unless the District approves an alternative. Alternatives shall be based upon the individual analysis and the proposal submitted by the developer. Cisterns, dry hydrants and open water sources are not acceptable alternatives.

Appendix D amended - Fire Apparatus Access Roads.

Appendix D of the International Fire Code is amended by deletion of Sections D101, D102, D103.1 through D103.5, D106, D107 and D108 as published.

**SECTION V:** Enforcement of the 2012 International Fire Code and referenced International Fire Code Standards.

Notwithstanding any conflict with the provisions of this Resolution or any requirements found in the 2012 International Fire Code or International Fire Code Standards referenced in this Resolution, the Chief shall enforce the International Fire Code and shall inspect or cause to be inspected all buildings, structures, property, premises, and public places, except the interior of any private dwelling, in accordance with the procedures set forth in § 32-1-1002(3), C.R.S. All inspections shall be recorded in an inspection report.

A "Notice of Violation or Hazard" may be issued by the Chief or his designee concerning violations or hazards which are not corrected on-site during an inspection. Said Notice shall be signed by the inspector and contain, as a minimum, the following information:

a. Date of inspection;

b. Name/address of premises inspected;

c. Name of inspector;

d. Nature of violations, including specific reference to section/subsections of code;

e. Date of compliance/re-inspection;

f. Suggested methods of correction, if applicable;

g. Right to appeal to Board;

h. Consequences of failure to correct the violation.

An "Order for Immediate Correction of Hazard" may be issued by the Chief:

a. For Failure to correct a violation or hazard within the time specified in a previously issued Notice of Violation or Hazard; or

b. For violating the code or state statute and said violation renders the building, structure or premises especially liable to fire or is hazardous to the safety of the occupants thereof, or which is so situated as to endanger other property as set forth in § 32-1-1002(3)(c), whether or not a Notice has been previously issued.

An Order shall be signed by the Chief or his designee and shall contain, as a minimum, the following information:

a. Date of issuance;

b. Name/address of premises inspected;

c. Nature of violation or hazard;

d. Time limit for correction;

e. Right of appeal, if any, to the Board;

f. Right of appeal to the District Court and time limit;

g. Penalties for violation of order;

h. Signature of the Chief or his designee;

i. Acknowledgement of receipt signed by owner, lessee, agent or other responsible person.

An appeal of a Notice of Violation or Hazard may be made to the Board by delivery to the Chief in writing a notice of appeal within five days of the issuance of the Notice of Violation or Hazard. The appeal shall be heard at the next regular meeting or special meeting called for that purpose. The Board may affirm, rescind, or modify the Notice and may enter into such enforcement agreements as it deems proper.

An appeal of an Order for Immediate Correction of Hazard may be made to the Board only if no previous appeal has been made of a previously issued Notice of Violation or Hazard concerning the same violation or hazard. An appeal of an Order must be in writing and filed with the Board within three days of issuance of the Order.

The Board shall hear all such appeals and application for relief and render its decision thereon in accordance with its bylaws, rules and regulations.

In the event no appeal is made to the Board pursuant to this code and resolution or to the court pursuant to § 32-1-1002(3), C.R.S., and compliance with the Order and/or correction of the hazard has not occurred, the Board may, upon recommendation by the Chief or upon its own motion, refer the matter to the district attorney of the county in which the violation occurs.

An appeal shall suspend the time limits for compliance or correction of a fire hazard or hazards, until the appeal is resolved for appeals of a Notice of Hazard which is issued pursuant to the terms contained herein. An appeal shall not suspend the time limit for compliance or correction of life safety deficiencies or violations. An appeal of an Order issued pursuant to the terms contained herein shall not suspend the time limits for compliance or correction, and compliance or correction shall be made or rendered forthwith, unless the Order is suspended by the Board.

**SECTION VI:** Effective Date:

This resolution shall take effect and be enforced within incorporated municipalities and unincorporated portions of Weld/Larimer Counties from and after its approval as set forth in §32-1-1002(1)(d) C.R.S.

Adopted this 11 day of April, 2013

WINDSOR-SEVERANCE
FIRE PROTECTION DISTRICT

By _____
President of the Board

ATTEST:

By _____
Secretary of the Board

**RESOLUTION 2018-0004**

**WINDSOR-SEVERANCE FIRE PROTECTION DISTRICT**

**A RESOLUTION OF THE BOARD OF DIRECTORS ADOPTING THE 2018 INTERNATIONAL FIRE CODE, PRESCRIBING REGULATIONS GOVERNING CONDITIONS HAZARDOUS TO LIFE AND PROPERTY FROM FIRE OR EXPLOSION, AND PROVIDING FOR THE ISSUANCE OF PERMITS FOR HAZARDOUS USES OR OPERATION.**

**WHEREAS,** the Board of Directors ("Board") of the Windsor-Severance Fire Protection District ("District") deems it necessary to adopt the following code for the purpose of establishing rules of conduct and standards for the protection of life, health, property, security, and welfare of the inhabitants of the District; and

**WHEREAS,** the Board has considered the effect of the fire code enforcement within the boundaries of the District and has determined that enforcement of the proposed codes would not cause undue hardship or suppression of economic growth within the District; and

**WHEREAS,** the Board has studied the necessity for realistic and reasonable level of fire protection to be provided by a fire protection district; and

**WHEREAS,** the Board will pursue adoption by municipalities within the limits of the District and by counties in which territories of the District are located to adopt the same codes for the purpose of ensuring equitable protection of all of the inhabitants of the District.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE WINDSOR-SEVERANCE FIRE PROTECTION DISTRICT:**

**SECTION I:** Adoption of the 2018 International Fire Code and referenced International Fire Code Standards.

The International Fire Code 2018 Edition, issued and published by the International Code Council, 4501 Flossmoor Road, Country Club Hills, IL 60478, including appendices B, C, D, E, F, G, H, I, and K, is hereby adopted by reference as the fire code of the district. The purpose of the fire code is to provide minimum standards to safeguard life and limb, health, property and the public welfare by regulating fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises; and to provide for the issuance of permits and collection of fees therefore. At least one copy of the International Fire Code, 2018 Edition, shall be on file in the office of the fire department, and may be inspected during regular business hours.

The date on which this Resolution shall take effect within the incorporated municipalities within this District shall be the date of approval by the governing board of said municipality and the date on which it shall take effect within the unincorporated portions of Weld/Larimer Counties shall be on the date of approval by the Boards of County Commissioners in and for the Counties of Weld/Larimer State of Colorado. This Code shall be in effect within the territorial limits of the Windsor-Severance Fire Protection District.

**SECTION II:** Establishment and Duties of Fire Prevention.

Organizational structure and duties of the Fire Prevention Bureau or Division, if any, shall be as provided by the District's policies and or directives.

**SECTION III:** Amendments made in and to the 2018 International Fire Code. The 2018 International Fire Code is amended and changed in the following respects:

## Chapter 1 – Administration

***Subsection 101.1*** is hereby amended to read as follows:

> **101.1 Title.** These regulations shall be known as the Fire Code of Windsor-Severance Fire Protection District, hereinafter referred to as "this code."

***Subsection 105.6.11 Cutting and Welding.*** This subsection is deleted in its entirety.

***Subsection 105.6.15 Fire hydrants and valves.*** This subsection is deleted in its entirety.

***Subsection 105.6.16 Flammable and combustible liquids.*** The following portions of this subsection are hereby amended as follows:

> 2. To store, handle or use Class I liquids in excess of 10 gallons in a building or in excess of 50 gallons outside of a building, except that a permit is not required for the following:
>
> 3. To store, handle or use Class II or Class IIIA liquids in excess of 50 gallons in a building or in excess of 499 gallons outside a building, except for fuel oil used in connection with oil-burning equipment.

***Subsection 105.6.17 Floor finishing.*** This subsection is deleted in its entirety.

***Subsection 105.6.29 Miscellaneous combustible storage.*** This subsection is deleted in its entirety.

***Subsection 105.6.36*** is hereby amended to read as follows:

> **105.6.36 Outdoor assembly event.** An operational permit is required to conduct an outdoor assembly event where planned attendance exceeds 350 persons.

***Subsection 105.6.39 Private fire hydrants.*** This subsection is deleted in its entirety.

***Subsection 105.6.42 Refrigeration equipment.*** This subsection is deleted in its entirety.

***Subsection 105.6.47 Temporary membrane structures and tents*** is hereby amended to read as follows:

**Subsection 105.6.43 Temporary membrane structures and tents.** An operational permit is required to operate an air-supported temporary membrane structure or a tent having an area in excess of 700 square feet.

***Subsection 109.1*** is hereby amended to read as follows:

**109.1 Board of appeals established.** In order to hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be the Board of Directors of the Windsor Severance Fire Protection District. The fire code official shall be an ex officio member of said board but shall have no vote on any matter before the board. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official.

***Subsection 110.1 Unlawful acts.*** This subsection is hereby amended by the addition of the following:

**110.1.1 Unlawful parking.** Vehicles parked in fire apparatus access roads marked in accordance with Appendix D, Section 103.6 shall be in violation of the municipal code and model traffic code of the municipality where located.

***Subsection 110.4 Violation penalties*** is hereby amended to read as follows:

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a misdemeanor, and upon conviction shall be subject to the penalties, costs and orders. The imposition of one (1) penalty for any violation shall not excuse the violation or permit it to continue, and all persons shall be required to correct or remedy the violations or defects. The application of any penalty pursuant thereto shall not be held to prevent the enforced removal of prohibited conditions nor the suspension or removal of a permit or license issued there under. Each day that a violation continues is deemed a separate offense.

***Subsection 110.5 Work commencing before permit issuance*** is hereby added to read as follows:

In addition to penalties set forth in Section 110.4, any person or firm who, before obtaining the necessary permit(s), commences any construction of, or work on, a building, structure, fire protection system, fire alarm system, fire extinguishing system that is not otherwise exempted from obtaining a permit, shall be subject to a processing and penalty fee in addition to the standard prescribed permit fee. Such additional fee shall be equal to the permit fee, except that such fee shall not be less than $50 nor more than $1,000 for the first such violation. A person or firm committing the same such violation repeatedly is subject to processing and penalty fees equal to double the amount of the permit fee or double the amount of the preceding violation, whichever is greater, for every same such subsequent violation committed thereafter within any 180-day period.

A new ***Section 114 Reporting of emergencies and false alarms*** is hereby added and reads in its entirety as follows:

**SECTION 114 - REPORTING OF EMERGENCIES AND FALSE ALARMS**

**114.1 General.** Reporting of emergencies and false alarms shall be in accordance with Section 114.

**114.2 Reporting Emergencies.** In the event a fire occurs or the discovery of a fire, smoke or unauthorized release of flammable, combustible or hazardous materials on any property occurs, the owner, owner's authorized representative, or occupant shall immediately report such condition to the fire department.

**114.3 False Alarms.** False alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner. See the District's Fire Alarm Resolution, which governs Fire Alarm Systems intended to summon Fire District response, and establishes fees, and provides penalties for violations.

## Chapter 2 – Definitions

***Section 202 General Definitions*** is hereby amended by the following additions:

"District" shall mean the Windsor-Severance Fire Protection District.

"Jurisdiction" shall mean the boundaries of the Windsor-Severance Fire Protection District as they now or may hereafter exist.

"Chief" or "Chief of the Bureau of Fire Prevention" shall mean the Chief of the Windsor-Severance Fire Protection District, or a designated member of the District.

"Bureau of Fire Prevention" shall mean either the entire Fire Prevention Division or those employees (paid or volunteer) designated by the Chief to carry out enforcement duties relating to the prevention of fires and suppression of arson.

"Board" shall mean the Board of Directors of the Windsor-Severance Fire Protection District.

"Board of Appeals" shall refer to the District's Board or to the boards established by the applicable municipalities or counties, if any.

## Chapter 3 – General Requirements

***Subsection 307.1.1*** is hereby amended to read as follows:

***307.1.1 Prohibited open burning.*** Open burning shall be prohibited when atmospheric conditions or local circumstances make such fire hazardous. Open burning shall be specifically prohibited during active Red Flag Warnings.

**Exceptions:** Prescribed burning for the purpose of reducing the impact of wildland fire when authorized by the *fire code official.* Agricultural burning that is approved by the *fire code official* and is conducted in accordance with Colorado Air Quality Control Commission Regulation Number 9 (5 CCR 1001-11).

***Subsection 307.4.1*** is hereby revised to read as follows:

**307.4.1 Bonfires.** A bonfire shall not be conducted within 100 feet (30m) of a structure or combustible material unless the fire is contained in a barbecue pit. Conditions that could cause a fire to spread within 100 feet (30m) of a structure shall be eliminated prior to ignition.

**307.4.1.1 Bonfire Size.** The fuel package pile for a bonfire must be approved prior to ignition and shall not exceed 10 feet (3048 mm) in diameter and 8 feet (2438 mm) in height unless approved by the fire *code official.* Based on atmospheric conditions, location, adjacent structures, combustible materials or wildland fire danger ratings, smaller fuel package piles may be required. Fuels for a *bonfire* shall be clean, dry untreated wood products only. Fuel shall not be added to the *bonfire* once it is ignited without prior approval of the *fire code official.*

## Chapter 5 – Fire Service Features

***Subsection 503.2*** is hereby amended to read as follows:

**503.2 Specifications.** Fire apparatus access roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.8, and Appendix D of this code.

***Subsection 503.2.5 Dead ends*** is hereby amended to read as follows:

**503.2.5 Dead ends.** Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved area for turning around fire apparatus. Dead-ends in excess of 600 feet are not allowed.

***Subsection 503.6 Security gates*** is hereby amended by the addition of the following:

**503.6.1 Permits.** Permits shall be required to install and/or modify security gates.

**503.6.2 Maintenance.** All security gates or barriers shall be maintained operable at all times and shall be inspected at least annually. Inspection and maintenance shall be the responsibility of the property owner, homeowners' association or the occupants of a gated community.

**503.6.3 Inoperable gates and barriers.** Gates or barriers that are inoperable shall be locked open or removed at the owner's expense.

**503.6.4 Non-permitted gates and barriers.** Gates or barriers that have been installed without a permit shall be chained open or removed at the owner's expense until a permit and final approval have been obtained from the fire department.

***Subsection 505.1 Address identification*** is hereby amended by the following addition:

***505.1 Address Identification.*** New and existing buildings or facilities shall be provided with *approved* address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out-. Address identification shall bemaintained.

**505.1.1** Addresses shall be assigned by the governmental entity having jurisdiction and shall comply with the Larimer County Street Naming and Addressing Standards as contained in the Larimer County Urban Area Street Standards.

**505.1.2** The approved address numerals shall be visible from the street fronting the property and posted on a contrasting background.

***505.1.3 Size of address numbers*:** Address numbers shall be sized as follows:

1. One- and two-family homes shall have minimum 4-inch high address numbers, with a minimum stroke width of ½ inch.

2. New multi-family or commercial buildings and facilities shall have minimum 6-inch high numbers, with a minimum stroke width of 1 inch.

3. Individual unit or suite addresses in multi-family or commercial buildings shall be displayed with minimum 4-inch high numbers, with a minimum stroke width of ½ inch.

4. New buildings three or more stories in height, or new buildings with a floor area of 15,000 to 100,000 square feet, shall have minimum 8-inch high numbers, with a minimum stroke width of 1 inch.

5. All buildings with a total floor area of 100,000 square feet or greater shall have minimum 12-inch high numbers, with a minimum stroke width of 2 inches.

***Subsection 507.3 Fire flow*** is hereby amended to read as follows:

**507.3 Fire flow.** Fire flow requirements for buildings or portions of buildings and facilities shall be determined in accordance with Appendix B of this code.

***Subsection 507.5 Fire hydrant systems*** is hereby amended to read as follows:

**507.5 Fire hydrant systems.** Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.7, and Appendix C of this code.

**507.5.1 Where required.** This section is amended to read as follows:

1. For single- or two-family homes that are located within rural areas not within a municipal boundary or a municipality's growth management area, the distance requirement shall be one mile from the structure to the nearest fire hydrant, provided the structure has an approved fire apparatus turnaround within 150 feet of the structure and the structure is equipped throughout with an approved automatic sprinkler system.

2. The fire code official may allow an alternate, approved means of water supply in accordance with NFPA 1142: *Standard on Water Supplies for Suburban and Rural Fire Fighting*.

**507.5.7 Fire Department Connections** is hereby added to read as follows:

**507.5.7 Fire Department Connections.** A fire hydrant shall be located within 150 feet of a fire department connection, using an approved route without obstacles.

## Chapter 9 – Fire Protection Systems

*Section 903.2.1.1 Group A-1* is hereby revised and reads in its entirety as follows:

**903.2.1.1 Group A-1.** An *automatic sprinkler system* shall be provided for *fire areas* containing Group A-1 occupancies and intervening floors of the building where one of the following conditions exists:

1. The fire area exceeds 5000 square feet (464.5 m2).

2. The fire area has an occupant load of 300 or more.

3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

4. The fire area contains a multi-theater complex.

*Section 903.2.1.3 Group A-3* is hereby revised and reads in its entirety as follows:

**903.2.1.4 Group A-3.** An *automatic sprinkler system* shall be provided for *fire areas* containing Group A-3 occupancies and intervening floors of the building where one of the following conditions exists:

1. The *fire area* exceeds 5000 square feet (464.5 $m^2$).

2. The *fire area* has an occupant load of 300 ormore.

3. The *fire area* is located on a floor other than a level of exit discharge serving such occupancies.

*Section 903.2.1.4 Group A-4* is hereby revised and reads in its entirety as follows:

**903.2.1.5 Group A-4.** An automatic sprinkler system shall be provided throughout stories containing Group A-4 occupancies and throughout all stories from the Group A-4 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The *fire area* exceeds 5000 square feet (464.5 $m^2$).

2. The *fire area* has an occupant load of 300 or more.

3. The *fire area* is located on a floor other than a level of exit discharge serving such occupancies.

A new *Section 903.2.1.8 Group* B is hereby added and reads in its entirety as follows:

**903.2.1.8 Group B.** An *automatic sprinkler system* shall be provided for fire areas containing Group B occupancies when the fire area exceeds 5000 square feet (464.5 $m^2$).

*Section 903.2.3 Group* E is hereby revised and reads in its entirety as follows:

**903.2.3 Group** E. An *automatic sprinkler system* shall be provided for Group E occupancies as follows:

1. Throughout all Group E fire areas greater than 5000 square feet (464.5 m2) in area.

2. The Group E fire area is located on a floor other than a level of exit discharge serving such occupancies.

   **Exception:** In buildings where every classroom has not fewer than one exterior exit door at ground level, an automatic sprinkler system is not required in any area below the lowest level of exit discharge serving that area.

3. The Group E fire area has an occupant load of 300 or more.

*Section 903.2.4 Group F-1* is hereby revised and reads in its entirety as follows:

**903.2.4 Group F-1.** An *automatic sprinkler system* shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exists:

1. A Group F-1 *fire area* exceeds 5000 square feet (464.5 $m^2$).

2. A Group F-1 *fire area* is located more than three stories above *grade plane.*

3. A Group F-1 occupancy used for the manufacture of upholstered furniture or mattresses exceeds 2500 square feet (232 $m^2$).

A new *Section 903.2.4.2 Group F-2* is hereby added to read as follows:

**903.2.4.2 Group F-2.** An *automatic sprinkler system* shall be provided throughout all buildings containing a Group F-2 occupancy where one of the following conditions exists:

1. A Group F-2 *fire area* exceeds 5000 square feet (464.5 $m^2$).

2. A Group F-2 *fire area* is located more than three stories above *grade plane.*

*Section 903.2.6 Group I* is hereby amended to read as follows:

***903.2.6* Group** I. An *automatic sprinkler system* shall be provided throughout buildings with a Group I *fire area.*

**Exceptions:**

1. An *automatic sprinkler system* is not required where Group I-4 day care facilities are at the *level of exit discharge* and where every room where care is provided has not fewer than one exterior exit door and the fire area does not exceed 5000 square feet (464.5 $m^2$)

2. In buildings where Group I-4 day care is provided on levels other than the *level of exit discharge,* an *automatic sprinkler system* in accordance with Section 903.3.1.1 shall be installed on the entire floor where care is provided, all floors between the level of care and the *level of exit discharge,* and all floors below the *level of exit discharge* other than areas classified as an open parking garage.

*Section 903.2.7 Group* M is hereby amended to read as follows:

**903.2.7 Group M.** An *automatic sprinkler system* shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. A Group M *fire area* exceeds 5000 square feet (464.5 $m^2$).

2. A Group M *fire area* is located more than three stories above grade plane.

3. A Group M occupancy used for the display and sale of upholstered furniture or mattresses exceeds 5000 square feet (464.5 $m^2$)

*Section 903.2.9 Group S-1* is hereby amended to read as follows:

**903.2.9 Group 5-1.** An *automatic sprinkler system* shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 fire area exceeds 5000 square feet (464.5 $m^2$).

2. A Group S-1 fire area is located more than three stories above grade plane.

3. A Group S-1 fire area used for the storage of commercial motor vehicle where the fire area exceeds 5000 square feet (464.5 $m^2$).

4. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds 2500 square (232 $m^2$).

*Section 903.2.9.1 Repair Garages* is hereby amended to read as follows:

**903.2.9.1 Repair garages.** An *automatic sprinkler system* shall be provided throughout all buildings used as repair garages in accordance with Section 406 of the *International Building Code,* as shown:

1. Buildings having two or more stories above grade plane, including basements, with a fire area containing a repair garage exceeding 5000 square feet (464.5 $m^2$).

2. Buildings not more than one story above grade plane, with a fire area containing a repair garage exceeding 5000 square feet (464.5 $m^2$).

3. Buildings with repair garages servicing vehicles parked in basements.

4. A Group S-1 fire area used for the repair of commercial motor vehicles where the fire area exceeds 5000 square feet (464.5 $m^2$).

*Section 903.2.10 Group S-2 enclosed parking garages* is hereby deleted and a new *Section 903.2.10 Group* S-2 is hereby added and reads in its entirety as follows:

903.2.10 **Group S-2.** An *automatic sprinkler system* shall be provided throughout all buildings containing a Group S-2 occupancy where one of the following conditions exists:

1. A Group S-2 *fire area* exceeds 5000 square feet (464.5 $m^2$).

2. A Group S-2 *fire area* is located more than three stories above *grade plane.*

**Exception:** Open Parking Garages
A new *subsection 903.2.10.2 Group S-2 enclosed parking garages* is hereby added and reads in its entirety as follows:

**903.2.10.2 Group S-2 enclosed parking garages.** An *automatic sprinkler system* shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.6 of the *International Building* Code where either of the following

conditions exists:

1. Where the fire area of the enclosed parking garage exceeds 5000 square feet (464.5 $m^2$).

2. Where the enclosed parking is located beneath other groups.

**Exception:** Enclosed parking garages located beneath Group R-3 occupancies.

## Chapter 50 – Hazardous Materials – General Provisions

***Section 5001.1 Scope*** **Exception 10** is hereby amended to read as follows:

**Exceptions:**

10. The production, processing and storage of distilled spirits and wines in wooden barrels and casks when the facility is in conformance with the DISCUS "Recommended Fire Protection Practices for Distilled Spirits Beverage Facilities."

## Chapter 56 – Explosives and Fireworks

***Subsection 5601.1.3 Fireworks*** is hereby amended to read as follows:

**5601.1.3 Fireworks.** The possession, manufacture, storage, sale, handling and use of fireworks are prohibited unless permitted by state or local laws.

***Subsection 5601.1.3, Exception 4*** is hereby amended as follows:

4. The possession, storage, sale, handling and use of Permissible Fireworks in accordance with state statute and local municipal codes

***Subsection 5601.2.2*** is hereby amended to read as follows:

**5601.2.2 Sale and retail display.** Persons shall not construct a retail display nor offer for sale explosives, explosive materials or fireworks on highways, sidewalks, public property or in any permanent building.

***Section 5602 Definitions*** is hereby amended with the addition of the following definition:

**Permissible Fireworks.** As defined in Colorado Revised Statues, 12-28-101 § CRS.

## Chapter 57 – Flammable and Combustible Liquids

***Section 5701.2 Nonapplicability # 10*** is hereby amended to read as follows:

10. The production, processing and storage of distilled spirits and wines in wooden barrels and casks when the facility is in conformance with the DISCUS "Recommended Fire Protection Practices for Distilled Spirits Beverage Facilities".

***Subsection 5704.2.9.6.1 Locations where above-ground tanks are prohibited*** is hereby amended to read as follows:

**5704.2.9.6.1 Locations where above-ground tanks are prohibited.** Storage of Class I and Class II liquids in above-ground tanks outside of buildings is prohibited within the limits established by law as follows:

1. As addressed by ordinance and/or zoning regulation adopted by a branch of local government within the District.

2. Any area within unincorporated parts of the District which are not zoned industrial or agricultural by the zoning ordinance of the county of jurisdiction.

***Subsection 5704.2.14.1 Removal*** is hereby amended by the following addition:

7. Removal of above-ground and underground tanks shall be in accordance with federal, state and local regulations.

***Subsection 5704.3.3 Indoor storage*** **Exception 2** is hereby amended to read as follows:

**5704.3.3 Indoor storage.** Storage of flammable and *combustible liquids* inside buildings in containers and portable tanks shall be in accordance with Sections 5704.3.3.1 through 5704.3.3.10.

**Exceptions:**

1. Liquids in the fuel tanks of motor vehicles, aircraft, boats or portable or stationary engines.

2. The production, processing and storage of distilled spirits and wines in wooden barrels and casks when the facility is in conformance with the DISCUS "Recommended Fire Protection Practices for Distilled Spirits Beverage Facilities."

***Subsection 5706.2.4.4 Locations where above-ground tanks are prohibited*** is hereby amended to read as follows:

**5706.2.4.4 Locations where above-ground tanks are prohibited.** Storage of Class I and Class II liquids in above-ground or underground tanks outside of buildings is prohibited within the limits established as follows:

1. As addressed by ordinance and/or zoning regulation adopted by a branch of local government within the District.

2. Any area within unincorporated parts of the District which are not zoned industrial or agricultural by the zoning ordinance of the county of jurisdiction.

***Subsection 5706.3 Well drilling and operating*** is hereby amended with additions to read as follows:

**5706.3.9 Fire extinguishers.** Fire extinguishers are required to be located throughout the site in areas approved by the fire code official.

**5706.3.10 NFPA 704 Placards.** NFPA 704 Placards are required to be located on site on all locations that have hazardous materials located within. These are to be approved by the fire code official.

**5706.3.11 Access roads**. All access roads must meet Appendix D

**5706.3.12 Key access.** A Knox Box, Switch or Padlock may be required by the fire official to gain access to this site after hours.

**5706.3.13 COGCC Rule.** All oil and gas sites must meet the COGCC Rule 600 for Safety Requirements.

## Chapter 58 – Flammable Gases and Flammable Cryogenic Fluids

***Section 5806.2 Limitations*** is hereby amended to read as follows:

**5806.2 Limitations.** Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited within the limits established as follows:

1. As addressed by ordinance and/or zoning regulation adopted by a branch of local government within the District.

2. Any area within unincorporated parts of the District which are not zoned industrial or agricultural by the zoning ordinance of the county of jurisdiction.

## Chapter 61 – Liquefied Petroleum Gases

***Section 6104.2 Maximum capacity within established limits*** is hereby amended to read as follows:

**6104.2 Maximum capacity within established limits.** Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed the following limits:

1. As addressed by ordinance and/or zoning regulation adopted by a branch of local government within the District.

2. Any area within unincorporated parts of the District which are not zoned industrial or agricultural by the zoning ordinance of the county of jurisdiction.

**Exception:** In particular installations, this capacity limit shall be determined by the fire code official, after consideration of special features such as topographical conditions, nature of occupancy, and proximity to buildings, capacity of proposed LP-gas containers, degree of fire protection to be provided and capabilities of the local fire department. These provisions shall not be interpreted so as to conflict with the provisions of Colorado Revised Statutes Title 8, Article 20 or Title 34 as amended. In the event of any conflict, the more restrictive provision shall prevail.

## Chapter 80 – Referenced Standards

***Chapter 80 Referenced Standards*** *is* hereby amended by adding the following additional referenced standard in alphabetical and numerical sequence:

**DISCUS** Distilled Spirits Council of the United States
1250 Eye Street, NW Suite 400
Washington, DC 20005

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3rd Edition, June 2005
Recommended Fire Protection Practices for Distilled Spirits Beverage Facilities

Referenced in code section number
5001.1, 5701.2, 5704.3.3

## Appendices

Only the appendices of the 2018 International Fire Code listed herein are adopted as follows:

***APPENDIX B: Fire-Flow Requirements for Buildings*** is adopted in its entirety.

***APPENDIX C: Fire Hydrant Locations and Distribution*** is amended by deletion of C103.2 and C103.3 to be replaced with C103.2 that reads as follows:

**C103.2 Distribution of Fire Hydrants.**

Multi-Family Residential: Hydrants shall be no more than 200 ft from structures and have a spacing of no more than 400 ft apart.

Commercial and Industrial: Hydrants shall be no more than 150 ft from structures and have a spacing of no more than 300 ft apart.

Residential: Hydrants shall be no more than 300 ft from structures and have a spacing of no more than 600 ft apart.

Low Density Residential: See Section 507.5.1 for hydrant requirements.

***APPENDIX D: Fire Apparatus Access Roads*** is adopted in its entirety.

***APPENDIX E: Hazard Categories*** is adopted in its entirety.

***APPENDIX F: Hazard Ranking*** is adopted in its entirety.

***APPENDIX G: Cryogenic Fluids – Weight and Volume Equivalents*** is adopted in its entirety.

***APPENDIX H: Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions*** is adopted in its entirety.

***APPENDIX I: Fire Protection Systems – Noncompliant Conditions*** is adopted in its entirety.

***APPENDIX K: Construction Requirements for Existing Ambulatory Care Facilities*** is adopted in its entirety.

**SECTION V:** Effective Date:

This resolution shall take effect and be enforced within incorporated municipalities and unincorporated portions of Weld/Larimer Counties from and after its approval as set forth in §32-1-1002(1)(d) C.R.S.

Adopted this 11 day of Oct, 2018

**WINDSOR-SEVERANCE**
**FIRE PROTECTION DISTRICT**

By: _____
President of the Board

ATTEST:

By: _____
Secretary of the Board

**WINDSOR SEVERANCE FIRE RESCUE**
100 N. 7th Street • Windsor, Colorado 80550 • 970.686.2626

Windsor Town Manager Shane Hale, Mayor Melendez, and Town Board
301 Walnut St
Windsor, CO 80550

**RE: Windsor Severance Fire Station 4 Proposed location and summary**

Town Manager Hale, Mayor Melendez, and Town Board,

The Windsor Severance Fire Rescue's (WSFR) mission is to provide modern fire, emergency medical services and related services to the communities of Windsor, Severance and the surrounding area of approximately 100 square miles in both Weld and Larimer Counties. Like most forms of governmental service, the fire/rescue services must grow, change and adapt to the growth of the community. Changes in our community risk profile, demands for service, population density, and transportation infrastructure affect our service delivery.

Due to rapid development within our district, especially the residential and commercial development of the Town of Windsor south of the Poudre River, WSFR has determines a new station will be needed within the next 2 to 3 years. This is a data driven decision looking at multiple criteria such as drive time, population density, call volume, periods of call overload, future development projections, etc.

A piece of property that we are very interested in is located at the SE corner of Crossroads and Hwy 257 and is approximately 7.5 acres. This property was donated to the Town of Windsor by BROE. This property appears to meet our size requirements, location on major roadways, zoning and is strategically positioned to improve coverage of both our southern neighborhoods and critical industrial complex. Any addition to a community's emergency services has a region wide benefit allowing for greater efficiency and fewer miles traveled and fewer areas left uncovered while resources are on calls for service.

While we can respond to these areas from our other stations, this area is not currently being served within our desired goal of drive time of 5 minutes within the incorporated areas of our district for 90% of our responses. As the population and activities have increased so has our call volume and acuity in these areas without this station, we expect it to be even more difficult to meet this goal. Building a station at the proposed location meets our goals and operational needs for this area as well as enhances the overall response preparedness of the entire district.

While details of operational needs and potential community room have not been finalized, WSFR is expecting to house an engine and potentially an ambulance out of this station. As we complete a needs assessment for office space and operational needs, we do not expect more than 10 personnel at any given time. Most of our employees work a 48hr shift, but on occasion volunteer and part time employees may work 12 or 24 hr shift. We are anticipating constructing one building on the site initially which will consist of living quarters, a full kitchen, numerous bathrooms, day room, conference room, offices, apparatus bay, an unfinished storage area with mechanical area, a hose tower. Being considered

as part of the needs assessment is a large self-contained training room that would be available for to the public to use. The training room will contain bathrooms and a kitchen as well. This room will be attached to the station but can be run completely independent of any of the crews at the station being present. At this time, consideration for cost and feasibility of the training/community room space are considerations that if the project goes forward, the WSFR Board will need to determine a budget and operational needs.

Just as we have done with our other three stations, we will build a visually aesthetic and functional building meant to be a source of community and organizational pride while serving our operational needs. Our intent would be to include appropriate landscaping throughout the site as allowed or required. If the training room is added to the project, the site will require a larger parking lot. In either case, we will want to allow adequate space for training exercises and to allow for fire apparatus access and turning radius to get into the buildings apparatus bays.

Safe emergency ingress and egress would be onto the future Crossroads connection, most likely on the eastern corner of the property. Based on the needs assessment, we will determine the appropriate size of the building footprint and over all square foot needs. Much will depend on the building of the training/community room and the number of apparatus bays needed. If the training/community room is built, the building could be in the area of ~20,000 sq. ft. Our intention is to utilize high quality building materials that will maintain an extensive life span. As illustrated at Station 1 which is currently 17 years old and looks new due to the standards of upkeep and our commitment to be a good neighbor and utilize quality construction principles.

We are excited to be working with the Town of Windsor on this project as we have a vested interest in the health and safety of the Town of Windsor. The Windsor Severance Fire District is constantly striving for excellence which includes planning for the future needs of our fire district. This parcel meets our operational needs very well and we are looking forward to working with the Town Board to develop a partnership. As stated, our initial renderings illustrate a larger farm style station right now, depending on costs and actual needs of the district, this size and exterior design is subject to changed based on operational need and funding. We will look forward to going through the standard approval process when the project proceeds and you will have additional opportunities to have input as appropriate.

Fire Marshal Friedrichsen and I are always available for any questions and the WSFR Board is excited to get this project moving so we hope to find resolution on the parcel and start our ability to enhance our emergency services as soon as feasible. Attached you will find a proposed timeline for the process on acquiring the property and building the fire station. This is always subject to change, but these are the anticipated dates as of now.

Respectfully,

Kris Kazian
Fire Chief

**Timeline for Station 4** **23 January 2019**

10/1/2018: Due diligence for the property at HWY 257 and Crossroads

1/28/2019: Begin talks and negotiations on the property with the Town Board

7/1/2019: Have property platted, sub-divided, purchased, deeded etc...to WSFR

9/1/2019: Begin design process and committee meetings on the design of the new station

1/1/2020: Have station designed and ready to go to bid

5/1/2020: Bids are complete and construction company picked

7/1/2020: Start construction of the lot and the station

2/1/2021: Completion of station and open for business

# MEMORANDUM

**Date:** January 28, 2019
**To:** Mayor and Town Board
**Via:** Shane Hale, Town Manager
**From:** Shane Hale, Town Manager
**Re:** Future Meetings Agenda
**Item #:** 2.

**ATTACHMENTS:**

- Future Meetings Agenda

## FUTURE TOWN BOARD MEETINGS

| | |
|---|---|
| February 4, 2019<br>6:00 p.m. | Town Board Work Session<br>Cemetery Update<br>CDOT Scoping Study |
| February 11, 2019<br>5:30 p.m. | Board/Manager/Attorney Monthly Meeting<br>Colorado State University Historic Homes Presentation<br>Windsor Housing Authority Funding Follow-up |
| February 11, 2019<br>7:00 p.m. | Town Board Regular Meeting |
| February 18, 2019<br>6:00 p.m. | Work Session Cancelled – President's Day |
| February 25, 2019<br>6:00 p.m. | Town Board Work Session<br>MS4 Permit Ordinance |
| February 25, 2019<br>7:00 p.m. | Town Board Regular Meeting |
| March 4, 2019<br>6:00 p.m. | Town Board Work Session<br>Weld RE-4 cash-in-lieu fee increase proposal<br>RO Plant Presentation |
| March 11, 2019<br>5:30 p.m. | Board/Manager/Attorney Monthly Meeting<br>Colorado River Compact Presentation – Northern Water District |
| March 11, 2019<br>7:00 p.m. | Town Board Regular Meeting<br>Kern Board |
| March 18, 2019<br>6:00 p.m. | Town Board Work Session<br>Advisory Board Review<br>Economic Development/business incentive review |
| March 25, 2019<br>5:30 p.m. | Town Board Work Session<br>Land Use Code Update - Joint meeting with Planning Commission |
| March 25, 2019<br>7:00 p.m. | Town Board Regular Meeting |
| April 1, 2019<br>6:00 p.m. | Town Board Work Session |
| April 8, 2019<br>5:30 p.m. | Board/Manager/Attorney Monthly Meeting |

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| April 8, 2019<br>7:00 p.m. | Town Board Regular Meeting |
| April 15, 2019 | Town Board Work Session |

**Additional Events**

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| January 30, 2019 | Economic Forecast, Embassy Suites, Loveland, CO |
| February 6, 2019 | Community Conversation with Ken Bennett, Windsor Lake Coffee, Windsor, CO |
| February 16, 2019 | Coffee with the Mayor, Coffee House 29, Windsor, CO |
| March 16, 2019 | Coffee with the Mayor, Community Recreation Center, Windsor, CO |

**Future Work Session Topics**

- Investment Strategy Discussion
- Land Use Code Update meeting with Planning Commission (next code section in series) – Planning
- Residential buildout at 60,000 population
- Economic development/retail needs at 60,000 population
- Transportation—20 year projection
- 2018 Building Code Updates/Contractor licensing
- Smoking in Parks