

TOWN OF WINTER PARK

ORDINANCE NO. 468  
SERIES OF 2013

AN ORDINANCE UPDATING THE TOWN OF WINTER PARK'S BUILDING CODES BY AMENDING TITLE 6,  
CHAPTER 1, SECTIONS 1-9 AND TITLE 2, CHAPTER 4 OF THE WINTER PARK TOWN CODE

WHEREAS, to stay current with new building construction technology and national and state safety standards, the 2009 International Family of Codes will be the new standard; and

WHEREAS, adopting the 2009 International Family of Codes will add to the health and safety of the town's citizens and guests; and

**NOW THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF WINTER PARK,  
COLORADO THAT:**

- I. TOWN CODE 6-1-1 : BUILDING CODES ADOPTED be amended by adopting the following codes by reference**

INTERNATIONAL BUILDING CODE, 2009 EDITION  
INTERNATIONAL RESIDENTIAL CODE, 2009 EDITION  
INTERNATIONAL PLUMBING CODE, 2009 EDITION  
INTERNATIONAL MECHANICAL CODE, 2009 EDITION  
INTERNATIONAL FUEL GAS CODE, 2009 EDITION  
INTERNATIONAL ENERGY CONSERVATION CODE, 2006 EDITION  
INTERNATIONAL FIRE CODE INCLUDING ALL APPENDICES, 2009 EDITION  
2011 NATIONAL ELECTRICAL CODE, EDITION

All International Codes are published by the International Code Council, 500 New Jersey Avenue, NW, 6th Floor, Washington, DC 20001 (Headquarters).

The National Electrical Code is published by the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269.

All codes adopted by reference herein and all amendments to said codes are available for inspection at the office of the Town Clerk of Winter Park during normal business hours.

- I. TOWN CODE Sections 2-4 be repealed in its entirety**
- II. TOWN CODE Sections 6-1-2 thru 6-1-9 be repealed in their entirety and new sections to be adopted as follows**

III. **TOWN CODE 6-1-2: BUILDING CODE AMENDMENTS:** The following sections of the **International Building Code**, adopted by reference in TOWN CODE 6-1-1 hereof, is hereby amended as follows

Preface to amendments

Words stricken in this fashion indicate code language that has been removed from the published codes. Bold, capitalized **WORDS** indicate language added to the published codes.

**Bold, Capitalized and lower case** = Code Section or Table Titles

Normal, Capitalized and lower case = Existing Code language

~~Strikethrough~~ = Language deleted from the Code.

**BOLD, ALL CAPITALIZED** = Language added to Code

## AMENDMENTS TO THE INTERNATIONAL BUILDING CODE

**TOWN CODE 6-1-2: Code Amendments:** The following sections of the **International Building Code**, adopted by reference in Town Code Section 6-1-1 hereof, is hereby amended as follows:

Section 101.1 is amended to read as follows:

**101.1 Title.** These regulations shall be known as the *Building Code* of **THE TOWN OF WINTER PARK**, herein after referred to as "This Code."

Section 101.4.3 is amended to read as follow:

**101.4.3 Plumbing.** The provisions of the *International Plumbing Code* shall apply to the installation, *alterations*, repairs and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water system or sewage system and all aspects of a medical gas system. ~~The provisions of the *International Private Sewage Disposal Code* shall apply to private sewage disposal systems.~~

Section 101.4.4 is amended by deleting in its entirety.

**101.4.4 Property maintenance.** ~~The provisions of the *International Property Maintenance Code* shall apply to existing structures and premises; equipment and facilities; light, ventilation, space heating, sanitation, life and fire safety, hazards; responsibilities of owners, operators and occupants; and occupancy of existing premises and structures.~~ **THIS SUBSECTION DELETED.**

Section 102.6 is amended to read as follows:

**102.6 Existing structures.** The legal occupancy of any structure existing on the date of adoption of This Code shall be permitted to continue without change, except as is specifically covered in This Code, ~~the International Property Maintenance Code or the International Fire Code~~, or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public.

Section R103.2 is amended to read as follows:

**R103.2 Appointment-BUILDING OFFICIAL.** The building official ~~shall be appointed by the chief appointing authority of the jurisdiction.~~ **IS HEREBY AUTHORIZED AND DIRECTED TO ENFORCE ALL THE PROVISIONS OF THIS CODE; HOWEVER, A GUARANTY THAT ALL BUILDING AND STRUCTURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH ALL THE PROVISIONS OF THIS CODE IS NEITHER INTENDED NOR IMPLIED.**

Section 103.3 is amended to read as follows:

**103.3 Deputies.** In accordance with the prescribed procedures of this jurisdiction ~~and with the concurrence of the appointing authority~~, the *building official* shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the *building official*. ~~For the maintenance of existing properties, see the International Property Maintenance Code.~~

Section 104.1 is amended to read as follows:

**104.1 General. THE BUILDING OFFICIAL IS HEREBY AUTHORIZED AND DIRECTED TO ENFORCE ALL OF THE PROVISIONS OF THIS CODE; HOWEVER, A GUARANTEE THAT ALL BUILDINGS AND STRUCTURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH ALL OF THE PROVISIONS OF THIS CODE IS NEITHER INTENDED NOR IMPLIED.** The *building official* is hereby authorized and directed to enforce the provisions of This Code. The *building official* shall have the authority to render interpretations of This Code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of This Code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in This Code.

Section 104.8 is amended to read as follows:

**104.8 Liability. THE ADOPTION OF THIS CODE, AND ANY PREVIOUS BUILDING CODES ADOPTED BY THE TOWN OF WINTER PARK, SHALL NOT BE DEEMED TO GIVE RISE TO A DUTY OF CARE ON THE PART OF ANY PUBLIC ENTITY, PUBLIC EMPLOYEE OR AGENT, NOR SHALL THIS**

**CODE OR ANY PREVIOUS BUILDING CODES BE DEEMED TO CREATE ANY CIVIL REMEDY AGAINST A PUBLIC ENTITY, PUBLIC EMPLOYEE OR AGENT.** The *building official*, member of board of appeals or employee charged with enforcement of the code, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by This Code or other pertinent law or ordinance, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damages accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties. Any suit instituted against an officer or employee because of an act performed by that officer or employee in the lawful discharge of duties under the provisions of This Code shall be defended by legal representative of the jurisdiction until the final termination of the proceedings. The *building official* or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of This Code.

Sections 105.1.1 and 105.1.2 are hereby repealed in their entirety.

~~**105.1.1 Annual permit.** In lieu of an individual permit for each *alteration* to an already *approved* electrical, gas, mechanical or plumbing installation, the *building official* is authorized to issue an annual *permit* upon application therefor to any person, firm or corporation regularly employing one or more qualified tradepersons in the building, structure or on the premises owned or operated by the applicant for the *permit*. THIS SUBSECTION DELETED.~~

~~**105.1.2 Annual permit records.** The persons to whom an annual *permit* is issued shall keep a detailed record of *alterations* made under such annual *permit*. The *building official* shall have access to such records at all times or such records shall be filed with the *building official* as designated. THIS SUBSECTION DELETED.~~

Section 105.2 is amended to read as follows:

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

**Building:**

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11 m<sup>2</sup>).
2. Fences not over 6 feet (1829 mm) high.
3. Oil derricks.
4. Retaining walls which are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.

5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18 925 L) and the ratio of height to diameter or width does not exceed 2:1.
6. ~~Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or story below~~ **PLATFORMS, WALKS AND DRIVEWAYS AT GRADE** and are not part of an *accessible route*.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated swimming pools accessory to a Group R-3 occupancy, which are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18925 L) and are installed entirely above ground.
10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. Swings and other playground equipment accessory to one- and two-family *dwelling*s.
12. Window *awnings* supported by an *exterior wall* that do not project more than 54 inches (1372 mm) from the *exterior wall* and do not require additional support of Groups R-3 and U occupancies.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet, 9 inches (1753 mm) in height.

Section 105.5 is amended to read as follows:

**105.5 Expiration. EVERY PERMIT ISSUED BY THE BUILDING OFFICIAL UNDER THE PROVISION OF THIS CODE SHALL EXPIRE 24 MONTHS AFTER THE DATE OF ISSUE.** Every *permit* issued shall become invalid unless the work on the site authorized by such *permit* is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. The *building official* is authorized to grant, in writing, one ~~or more~~ extensions of time, for **A** periods **OF** not more than 180 days ~~each~~. The extension shall be requested in writing and justifiable cause demonstrated.

Section 107.1 is amended by adding new subsections to read as follows:

**107.2.1.1 PROOF OF WATER AND SEWER. THE APPLICANT SHALL PROVIDE DOCUMENTATION FROM THE WATER AND SANITATION DISTRICT OF AN APPROVED WATER AND SEWER UTILITY PLAN WHICH MAY INCLUDE PAYING THE REQUIRED WATER AND SEWER TAP FEES.**

**107.2.1.2 EMERGENCY SERVICES IMPACT FEE. A DEVELOPER REQUESTING APPROVAL OF A DEVELOPMENT ACTIVITY REQUIRING ADDITIONAL EMERGENCY SERVICES SHALL PAY THE IMPACT FEE TO THE EMERGENCY SERVICES PROVIDER PRIOR TO ANY ISSUANCE OF A BUILDING PERMIT BY THE TOWN. (TOWN ORDINANCE NO. 353, SERIES OF 2005)**

Section 107.3 is amended by adding two new subsections to read as follows:

**107.3.1.1 REQUIRED APPROVALS. THE APPLICATION AND DOCUMENTS FOR PERMIT SHALL BE REVIEWED AND APPROVED BY THE DEPARTMENT OF ENGINEERING AND THE DEPARTMENT OF PLANNING AND ZONING FOR COMPLIANCE WITH TOWN ORDINANCES.**

**107.3.1.2 SURVEY REQUIREMENTS. AN IMPROVEMENT LOCATION CERTIFICATE (ILC) SHALL BE REQUIRED FOR ALL NEW FOUNDATIONS WITHIN THE TOWN OF WINTER PARK. IF A VARIANCE HAS BEEN GRANTED FOR THE PROPERTY THAT ALLOWS FOR CONSTRUCTION OF A FOUNDATION WITHIN THE ESTABLISHED SETBACKS OR IF A FOUNDATION IS LOCATED WITHIN FIVE FEET (5') OF THE PROPERTY LINE, AN IMPROVEMENT SURVEY PLAT (ISP) SHALL BE REQUIRED. THE ILC/ISP SHALL BE SUBMITTED TO THE TOWN OF WINTER PARK FOR REVIEW AND APPROVAL PRIOR TO A ROUGH FRAMING INSPECTION BY THE TOWN.**

Section 107.3.3 is amended to read as follows:

**107.3.3 Phased approval. The *building official* SHALL NOT ISSUE A PERMIT UNTIL THE CONSTRUCTION DOCUMENTS FOR THE WHOLE BUILDING OR STRUCTURE HAVE BEEN SUBMITTED AND APPROVED.** ~~is authorized to issue a *permit* for the construction of foundations or any other part of a building or structure before the *construction documents* for the whole building or structure have been submitted, provide that adequate information and detailed statements have been filed complying with pertinent requirement of This Code. The holder of such *permit* for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a *permit* for the entire structure will be granted.~~

Section 107.3.4 is amended by adding a new subsection to read as follows:

**107.3.4.3 ERRORS AND OMISSIONS INSURANCE. WHERE THE CONSTRUCTION VALUE IS MORE THAN \$500,000 THE REGISTERED ARCHITECTS AND ENGINEERS SHALL CARRY AND PROVIDE DOCUMENTATION THAT A MINIMUM OF \$500,000 OF ERRORS AND OMISSIONS INSURANCE IS IN PLACE AND THAT THE OWNER OF THE STRUCTURE UPON WHICH THE ARCHITECT/ENGINEER IS WORKING IS A NAMED BENEFICIARY OF SUCH POLICY. (TOWN ORDINANCE NO. 321, SERIES OF 2002)**

Section 108.3 is amended by deleting in its entirety.

~~**108.3 Temporary power.** The *building official* is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in NFPA 70. THIS SUBSECTION DELETED.~~

Section 109.2 is amended to read as follows:

**109.2 Schedule of permit fees.** On buildings, structures, electrical, gas, mechanical, and plumbing systems or *alterations* requiring a *permit*, a fee for each *permit* shall be paid as required in accordance with the schedule as established by the applicable governing authority **TITLE 1 CHAPTER 11 OF THE TOWN CODE OF WINTER PARK, TABLE 1-11-2A.**

**CHAPTER 11, SECTIONS 1-11-2, (D) AND TABLE 1-11-2C IS AMENDED BY DELETING IN ITS ENTIRETY.**

Section 109.5 is amended by adding a new subsection to read as follows:

**109.5.1 AFFORDABLE HOUSING REQUIREMENTS. THE TOWN SHALL COLLECT THE SUM OF THREE DOLLARS (\$3.00) FOR EVERY GROSS SQUARE FOOT OF NEW CONSTRUCTION. (TITLE 6, CHAPTER 5, ORDINANCE 333 SERIES OF 2003)**

**EXCEPTION: PARKING GARAGES AND UNENCLOSED DECKS/PATIOS.**

Section 109 is amended by adding a new subsection to read as follows:

**109.7 REINSPECTIONS. A REINSPECTION FEE, AMOUNT PER TITLE 1 CHAPTER 11 TABLE 2B OF THE TOWN CODE, MAY BE ASSESSED FOR EACH INSPECTION OR REINSPECTION WHEN SUCH PORTION OF WORK FOR WHICH INSPECTION IS CALLED IS NOT COMPLETE OR WHEN CORRECTIONS CALLED FOR ARE NOT MADE. REINSPECTION FEES MAY BE ASSESSED WHEN THE INSPECTION RECORD CARD IS NOT POSTED OR OTHERWISE AVAILABLE ON THE WORK SITE, THE APPROVED PLANS ARE NOT READILY AVAILABLE TO THE INSPECTOR, FOR FAILING TO PROVIDE ACCESS ON THE DATE FOR WHICH THE INSPECTION IS REQUESTED, OR DEVIATING FROM THE APPROVED PLANS. IN INSTANCES WHERE REINSPECTION FEES HAVE BEEN ASSESSED, NO ADDITIONAL INSPECTION OF THE WORK WILL BE PERFORMED UNTIL THE REINSPECTION FEES HAVE BEEN RECEIVED BY THE BUILDING DEPARTMENT.**

Section 110 is amended by adding a new subsection to read as follows:

**110.1.1 FINAL INSPECTION. NO FINAL INSPECTION SHALL BE PERFORMED AND NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNLESS A SALES TAX AUDIT HAS EITHER BEEN COMPLETED BY THE SALES TAX ADMINISTRATOR AND ALL SALES TAXES DUE HAVE BEEN PAID OR ARRANGEMENTS HAVE BEEN MADE WITH THE SALES TAX ADMINISTRATOR FOR SUCH AUDIT, OR THE TOWN MANAGER HAS SPECIFICALLY WAIVED SUCH AUDIT. (TOWN ORDINANCE NO. 225, SERIES OF 1994, SECTION 3-2-18 (B3))**

Section 110.5 is amended to read as follows:

**110.5 Inspection requests.** ~~It shall be the duty of the holder of the building *permit* or their duly authorized agent to notify the *building official* when work is ready for inspection. It shall be the~~

duty of the ~~permit holder to provide access to and means for inspections of such work that are required by This Code.~~ **IT SHALL BE THE DUTY OF THE PERSON DOING THE WORK, THE OWNER, CONTRACTOR, OR SUBCONTRACTOR TO KNOW THAT THE BUILDING OR STRUCTURE HAS A VALID PERMIT AND TO NOTIFY THE BUILDING DEPARTMENT WHEN WORK IS READY FOR INSPECTION.**

**UPON CONVICTION, A FINE WILL BE ASSESSED TO THE PERSON DOING THE WORK, THE OWNER, CONTRACTOR, OR SUBCONTRACTOR IF WORK IS BEING DONE WITHOUT A PERMIT AND THE INSPECTION IS NOT REQUESTED PER SECTION 110.**

**IT SHALL BE THE DUTY OF THE PERSON DOING THE WORK, THE OWNER, CONTRACTOR, OR SUBCONTRACTOR REQUESTING ANY INSPECTIONS REQUIRED BY THIS CODE TO PROVIDE ACCESS AND MEANS FOR INSPECTION OF SUCH WORK.**

**ALL INSPECTIONS REQUESTED PRIOR TO 10:00 A.M. WILL BE PERFORMED THE SAME WORKING DAY. SUCH REQUEST FOR INSPECTION MAY BE IN WRITING OR BY CALLING; THE 24 HOUR AUTOMATED TELEPHONE ANSWERING SYSTEM.**

Section 111.1 is amended to read as follows:

**111.1 Use and Occupancy.** No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall be made, until the *building official* has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of This Code or of other ordinances of the jurisdiction.

Exception:

1. Certificates of occupancy are not required for work exempt from permits under Section 105.2.
2. **GROUP U OCCUPANCY**

Section 113 is repealed in its entirety and reenacted to read as follows:

**113: CONSTRUCTION AND FIRE CODE BOARD OF APPEALS**

**113.1 BOARD ESTABLISHED.** PURSUANT TO SECTION 113, CHAPTER 1, 2009 INTERNATIONAL BUILDING CODE AND SECTION 108 OF INTERNATIONAL FIRE CODE, THERE IS HEREBY CREATED BY THE TOWN COUNCIL AND EAST GRAND FIRE PROTECTION DISTRICT NO. 4 A CONSTRUCTION AND FIRE CODE BOARD OF APPEALS, WHICH BOARD SHALL BE COMPOSED OF FIVE (5) MEMBERS WHO SHALL DETERMINE THE SUITABILITY OF ALTERNATE MATERIALS AND METHODS OF CONSTRUCTION, AND TO PROVIDE FOR REASONABLE INTERPRETATION OF THE 2009 INTERNATIONAL BUILDING CODE, 2009 INTERNATIONAL FIRE CODE, 2009

INTERNATIONAL PLUMBING CODE, 2009 INTERNATIONAL MECHANICAL CODE, AND UNIFORM CODE FOR THE ABATEMENT OF DANGEROUS BUILDINGS.

113.2 MEMBERSHIP AND TERMS.

- A. THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL CONSIST OF FIVE (5) MEMBERS, THREE (3) OF WHICH ARE QUALIFIED BY EXPERIENCE AND TRAINING TO PASS UPON MATTERS PERTAINING TO BUILDING CONSTRUCTION. THE BUILDING OFFICIAL OR FIRE CODE OFFICIAL WHEN PERTAINING TO FIRE CODE ISSUES SHALL BE AN EX OFFICIO MEMBER AND SHALL ACT AS SECRETARY OF THE BOARD. THE BOARD SHALL BE APPOINTED AND THEIR TERMS OF OFFICE SET BY THE TOWN COUNCIL FOR CONSTRUCTION BOARD AND THE FIRE DISTRICT BOARD FOR FIRE CODE BOARD, WHICH TERMS SHALL BE OF SUCH LENGTH AND SO ARRANGED THAT THE TERMS OF AT LEAST ONE MEMBER WILL EXPIRE EACH YEAR.
- B. ANY MEMBER OF THE BOARD MAY BE REMOVED, AFTER PUBLIC HEARING, BY THE MAYOR FOR INEFFICIENCY, NEGLECT OF DUTY, OF MALFEASANCE IN OFFICE. THE MAYOR SHALL FILE A WRITTEN STATEMENT OF REASONS FOR SUCH REMOVAL.
- C. VACANCIES OCCURRING OTHERWISE AND THROUGH THE EXPIRATION OF TERM SHALL BE FILLED FOR THE REMAINDER OF THE UNEXPIRED TERM.

113.3 ORGANIZATION AND PROCEDURES. THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL ELECT ITS CHAIRMAN FROM AMONG THE MEMBERS APPOINTED BY THE TOWN COUNCIL, AND APPROVED BY THE FIRE DISTRICT BOARD, AND CREATE AND FILL SUCH OTHER OF IT OFFICES AS IT MAY DETERMINE. THE TERM OF THE CHAIRMAN SHALL BE ONE YEAR WITH ELIGIBILITY FOR REELECTION. THE BOARD WILL HOLD MEETINGS WHEN CALLED BY THE CHAIRMAN OR BUILDING/FIRE CODE OFFICIAL. THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL TRANSACT BUSINESS ACCORDING TO THE RULES AND REGULATIONS ADOPTED HEREIN, AND SHALL MAKE FINDINGS AND DETERMINATIONS ON EACH CASE CONSIDERED. SUCH FINDINGS AND DETERMINATIONS SHALL BECOME A PUBLIC RECORD AND SHALL BE KEPT IN THE OFFICE OF THE TOWN CLERK OR THE FIRE DISTRICT ADMINISTRATOR; RESPECTIVELY.

113.4 RULES AND REGULATIONS.

THE FOLLOWING RULES AND REGULATIONS ARE ADOPTED FOR PURPOSES OF TRANSACTING THE BUSINESS OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS:

- A. THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL MEET AT THE CALL OF THE CHAIRMAN OR WHEN REQUESTED BY THE BUILDING OR FIRE CODE OFFICIAL.
- B. A CHAIRMAN OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL BE ELECTED BY A MAJORITY OF THE ENTIRE REGULAR MEMBERSHIP AT THE FIRST

MEETING OF EACH CALENDAR YEAR, TO SERVE FOR A TERM OF ONE YEAR. A VICE CHAIRMAN SHALL BE ELECTED IN THE SAME MANNER AT THE SAME TIME FOR A TERM OF ONE YEAR.

- C. THE CHAIRMAN OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL PRESIDE AT ALL MEETINGS, SHALL CONDUCT ALL HEARINGS, AND EXERCISE AND PERFORM SUCH OTHER POWERS AND DUTIES AS MAY BE FROM TIME TO TIME ASSIGNED TO HIM BY THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS, OR PRESCRIBED BY THE RULES AND REGULATIONS HEREIN. IN PRESIDING AT MEETINGS AND HEARINGS, THE CHAIRMAN SHALL RULE ON PROCEDURE AND ON ORDER OF PRESENTATION.
- D. THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL BE THE JUDGE OF THE QUALIFICATIONS OF PERSONS APPEARING AS EXPERT WITNESSES, AND SHALL BE EMPOWERED TO REFUSE TO RECEIVE THE TESTIMONY OF ANY PURPORTED EXPERT NOT SO QUALIFIED.
- E. IN THE ABSENCE OR THE DISABILITY OF THE CHAIRMAN, THE VICE CHAIRMAN SHALL PERFORM ALL THE DUTIES OF THE CHAIRMAN, AND WHEN SO ACTING, SHALL HAVE ALL THE POWERS OF, AND BE SUBJECT TO ALL RESTRICTIONS UPON THE CHAIRMAN.
- F. IN THE ABSENCE OF BOTH THE CHAIRMAN AND THE VICE CHAIRMAN, A CHAIRMAN PRO TEMPORE SHALL BE ELECTED, AMONG THOSE REGULAR MEMBERS PRESENT, BY A MAJORITY VOTE OF ALL THE MEMBERS PRESENT.
- G. SHOULD ANY MEMBER HAVE KNOWLEDGE OF ANY FACT WHICH MAY CONSTITUTE A CONFLICT OF INTEREST IN HIS CONSIDERATION OF ANY APPEAL, HE SHALL FORTHWITH NOTIFY THE BUILDING OFFICIAL OR THE FIRE CODE OFFICIAL OF SAID FACTS.
- H. THE SECRETARY SHALL KEEP, OR CAUSE TO BE KEPT, MINUTES OF THE PROCEEDINGS OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS, AND SHALL PREPARE AN AGENDA FOR EACH MEETING, WHICH SHALL BE FURNISHED TO MEMBERS PRIOR TO THE ACTUAL HOUR OF THE MEETING. THE SECRETARY SHALL, IN ADDITION, BE CUSTODIAN OF THE RECORDS OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS AND SHALL, UPON THE FILING OF AN APPEAL, FURNISH EACH REGULAR MEMBER WITH A COPY OF THE LETTER OF APPEAL. (ORD. 140, SERIES OF 1986)
- I. APPEALS FROM DECISIONS OF THE BUILDING OFFICIAL OR APPLICABLE ENFORCEMENT OFFICER SHALL BE IN WRITING, SHALL BE DIRECTED TO A SPECIFIC DECISION OF THE BUILDING OFFICIAL OR APPLICABLE ENFORCEMENT OFFICER, AND CONSIDERATION OF SAID APPEAL BY THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS SHALL BE LIMITED TO SAID SPECIFIC DECISION. (ORD. 140, SERIES 1986)
- J. APPEALS WILL BE HEARD AT SPECIAL MEETINGS CALLED PURSUANT TO THE PRESIDING OFFICER OR BY A MAJORITY OF THE MEMBERSHIP OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS. REQUESTS FOR HEARINGS MUST BE SCHEDULED AT LEAST TEN (10) DAYS PRIOR TO SUCH HEARING.
- K. IF A PARTY OF AN APPEAL INTENDS TO SUBMIT EVIDENCE, OR A LEGAL ARGUMENT, OUTSIDE OF THE EXPERTISE OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS, SAID PARTY SHALL SO INFORM THE SECRETARY OF THE CONSTRUCTION AND

FIRE CODE BOARD OF APPEALS IN WRITING AT THE TIME OF THE FILING OF THE APPEAL. FAILURE TO PROVIDE SUCH INFORMATION SHALL BE CAUSE FOR THE PROHIBITION OF THE PRESENTATION OF SUCH EVIDENCE OR ARGUMENT.

- L. THE DECISION OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS ON AN APPEAL SHALL BE FINAL.
- M. A DECISION SHALL REQUIRE A MAJORITY VOTE OF THOSE MEMBERS OF THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS PRESENT, PROVIDED, HOWEVER, THAT THERE MUST BE A QUORUM OF AT LEAST THREE (3) MEMBERS OF SAID CONSTRUCTION AND FIRE CODE BOARD OF APPEALS PRIOR TO TRANSACTING ANY BUSINESS.

A NOTICE OF APPEAL SHALL BE ACCOMPANIED BY A FEE OF \$250.00.

Section 202 is amended by adding the following definitions within the alphabetical order of the existing definitions:

**BEDROOM.** IS A ROOM WHICH IS DESIGNED AS A SLEEPING ROOM, A LOFT, A MEZZANINE IN GROUP R OCCUPANCIES OR A ROOM OR AREA THAT CAN BE USED AS A SLEEPING ROOM AND CONTAINS A CLOSET.

**BUILDING HEIGHT.** THE VERTICAL DISTANCE ABOVE A REFERENCE DATUM MEASURED TO THE HIGHEST POINT OF A FLAT ROOF OR DECK LINE OF A MANSARD ROOF OR THE MIDPOINT OF THE HIGHEST GABLE OF A PITCHED OR HIPPED ROOF. THE REFERENCE DATUM SHALL BE SELECTED BY THE FOLLOWING, WHICHEVER YIELDS A GREATER HEIGHT OF A BUILDING:

- 1 THE POINT OF THE LOWEST PRECONSTRUCTION ELEVATION ON ANY BUILDING FACE.
- 2 THE POINT OF THE LOWEST ELEVATION OF ANY BUILDING FACE.
- 3 THE ELEVATION OF THE LOWEST POINT OF ANY EXPOSED FOUNDATION OR WALL.
4. IF A SITE IS DISTURBED AFTER THE ADOPTION OF THIS SECTION, THE OWNER OF THE PROPERTY WILL HAVE THE BURDEN OF PROVIDING PRECONSTRUCTION ELEVATION.

**THE HEIGHT OF A STEPPED OR TERRACED BUILDING IS THE MAXIMUM HEIGHT OF ANY SEGMENT OF THE BUILDING USING BUILDING HEIGHT.**

**FIRE DEPARTMENT.** THE CHIEF OFFICER OF EAST GRAND, GRANBY, GRAND LAKE, HOT SULPHUR SPRINGS AND KREMMLING FIRE PROTECTION DISTRICTS, OR THE CHIEF OFFICER'S AUTHORIZED REPRESENTATIVE.

**KITCHEN.** IS A ROOM OR AREA THAT IS DESIGNATED TO BE USED FOR THE PREPARATION OF FOOD WHICH CONTAINS MORE THAN ONE STANDARD SIZE KITCHEN APPLIANCE OR FIXTURE.

**UNUSEABLE CRAWLSPACES.** IS THE AREA UNDER THE FIRST STORY FLOOR SYSTEM WHICH HAS LESS THAN FIVE FEET (5') OF HEAD ROOM AND AN UNFINISHED FLOOR.

Section 311.2 is amended by adding a new subsection to read as follows:

**311.2.1 GROUP S-1, MINI STORAGE. BUILDINGS USED FOR MINI STORAGE SHALL BE COMPARTMENTALIZED BY NOT LESS THAN ONE HOUR FIRE RESISTIVE CONSTRUCTION AT EACH FLOOR/CEILING AND AT EACH ONE THOUSAND (1,000) SQUARE FEET OF FLOOR AREA.**

Section 717.2.5 is amended to read as follows:

**717.2.5 Ceiling and floor openings.** Where required by Exception 6 of Section 708.2, Exception 1 of Section 713.4.1.2, or Section 713.4.2, fireblocking of the *annular space* around vents, pipes, ducts, ~~chimneys~~ and fireplaces at ceilings and floor levels shall be installed with a material specifically tested in the form and manner intended for use to demonstrate its ability to remain in place and resist the free passage of flame and the products of combustion.

Section 717.2.5.1 is amended to read as follows:

**717.2.5.1 Factory built chimneys and fireplaces.** ~~Factory built chimneys and~~ fireplaces shall be fireblocked in accordance with UL 103 and UL 127.

**FACTORY-BUILT CHIMNEYS SHALL BE ENCLOSED WITHIN A CONTINUOUS ENCLOSURE PROTECTED ON THE INTERIOR (CHIMNEY) SIDE BY NOT LESS THAN 5/8 INCH TYPE-X GYPSUM WALLBOARD. JOINTS AND FASTENERS SHALL BE TAPED AND FINISHED.**

**EXCEPTION: THE PORTION OF THE CHIMNEY LOCATED IN THE SAME ROOM AS THE APPLIANCE AND THE PORTION OF THE CHIMNEY ABOVE THE FINISHED ROOF IS NOT REQUIRED TO BE ENCLOSED.**

**FACTORY-BUILT CHIMNEYS SHALL BE EFFECTIVELY FIREBLOCKED WITHIN SUCH ENCLOSURE AT EACH FLOOR- CEILING LEVEL AND AT THE ROOF. THE VERTICAL DISTANCE BETWEEN ADJACENT FIREBLOCKING SHALL NOT EXCEED 10 FEET.**

Section 901.5 is amended by adding a new subsection to read as follows:

**901.5.1 Special inspector required. ALL FIRE PROTECTION SYSTEMS REQUIRED BY THIS CODE SHALL BE INSPECTED AND APPROVED BY A SPECIAL INSPECTOR. THE SPECIAL INSPECTOR SHALL BE AN AUTHORIZED REPRESENTATIVE OF THE FIRE DEPARTMENT OR ANOTHER QUALIFIED INDIVIDUAL WITH PRIOR APPROVAL OF THE BUILDING OFFICIAL. APPROVALS OF SPECIAL INSPECTORS AND INSPECTIONS, APPROVALS AND REPORTS BY SPECIAL INSPECTORS SHALL BE IN ACCORDANCE WITH CHAPTER 17 OF THIS CODE.**

Section 901.6 is amended by adding a new subsection to read as follows:

**901.6.4 KEY BOX. WHERE A SUPERVISORY STATION IS REQUIRED BY THIS SECTION AND WHERE ACCESS TO OR WITHIN A STRUCTURE OR AREA IS RESTRICTED BECAUSE OF SECURED OPENINGS OR WHERE IMMEDIATE ACCESS IS NECESSARY FOR LIFE-SAVING OR FIRE-FIGHTING PURPOSES AS DETERMINED BY THE FIRE CHIEF, AN APPROVED RAPID ENTRY KEY LOCK BOX SHALL BE INSTALLED.**

**901.6.4.1 DEVICES. KEY LOCK BOXES SHALL BE UNDERWRITERS LABORATORIES CERTIFIED AND APPROVED BY THE FIRE CHIEF.**

**901.6.4.2 LOCATION. THE KEY LOCK BOX SHALL BE LOCATED AT OR NEAR THE MAIN ENTRANCE TO THE BUILDING, MOUNTED AT A HEIGHT OF SIX FEET (6') ABOVE FINAL GRADE AT A LOCATION APPROVED BY THE FIRE CHIEF.**

**901.6.4.3 KEY BOX CONTENTS. THE KEY BOX SHALL CONTAIN LABELED KEYS TO PROVIDE ACCESS INTO THE BUILDING.**

Section 902.1 is amended by adding the following definition within the alphabetical order of the existing definitions.

**[F] FIRE DEPARTMENT. THE CHIEF OFFICER OF EAST GRAND, GRANBY, GRAND FIRE PROTECTION DISTRICT, GRAND LAKE, HOT SULPHUR SPRINGS AND KREMMLING FIRE PROTECTION DISTRICTS, OR THE CHIEF OFFICER'S AUTHORIZED REPRESENTATIVE.**

Section 1009 is amended to read as follows:

**1009.4.5 Profile.** The radius of curvature at the leading edge of the tread shall be not greater than 9/16 inch (14.3 mm). Beveling of *nosings* shall not exceed 9/16 inch (14.3 mm). Risers shall be ~~solid and~~ vertical or sloped under the tread above from the underside of the *nosing* above at an angle not more than 30 degrees (0.52 rad) from the vertical. The leading edge (*nosings*) of treads shall project not more than 1 1/4 inches (32 mm) beyond the tread below and all projections of the leading edges shall be of uniform size, including the leading edge of the floor at the top of a *flight*.

**Exceptions:**

- 1 Solid risers are not required for stairways that are not required to comply with Section 1007.3, ~~provided that the opening between treads does not permit the passage of a sphere with a diameter of 4 inches (102 mm).~~
- 2 Solid risers are not required for occupancies in Group I-3 or in Group F, H and S occupancies other than areas accessible to the public. There are no restrictions on the size of the opening in the riser.
- 3 Solid risers and not required for *spiral stairways* constructed in accordance with Section 1009.9.

- 4 Solid risers are not required for *alternating tread devices* constructed in accordance with Section 1009.10.

Section 1208.2 is amended to read as follows:

**1208.2 Minimum ceiling heights.** Occupiable spaces, *habitable spaces*, and *corridors* **AND UNFINISHED BASEMENTS** shall have a ceiling height of not less than 7 feet, 6 inches (2286 mm). Bathrooms, toilet rooms, kitchens, storage rooms and laundry rooms shall be permitted to have a ceiling height of not less than 7 feet (2134 mm).

**Exceptions:**

- 1 In one- and two-family *dwelling*s, beams or girders spaced not less 4 feet (1219 mm) on center and projecting not more than 6 inches (152 mm) below the required ceiling height.
- 2 If any room in a building has a sloped ceiling, the prescribed ceiling height for the room is required in one-half the area thereof. Any portion of the room measuring less than 5 feet (1524 mm) from the finished floor to the finished ceiling shall not be included in any computation of the minimum area thereof.
- 3 *Mezzanines* constructed in accordance with Section 505.1.

Section 1503 is amended by adding three new subsections as follows:

**1503.7 SNOW-SHED BARRIERS. ROOFS SHALL BE DESIGNED TO PREVENT ACCUMULATION OF SNOW FROM SHEDDING ONTO EXTERIOR BALCONIES, DECKS, PEDESTRIAN AND VEHICULAR EXITS FROM BUILDINGS, STAIRWAYS, SIDEWALKS, STREETS, ALLEYS, AREAS DIRECTLY ABOVE OR IN FRONT OF GAS UTILITY OR ELECTRIC UTILITY METERS, OR ADJACENT PROPERTIES.**

**EXCEPTION: MECHANICAL BARRIERS INSTALLED TO PREVENT SNOW SHEDDING FROM THE ROOF WHICH ARE SECURED TO THE ROOF FRAMING MEMBERS OR TO SOLID BLOCKING SECURED TO FRAMING MEMBERS IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.**

**1503.8 FALL PROTECTION. PERMANENT FALL PROTECTION ANCHORS SHALL BE INSTALLED ON ALL NEW CONSTRUCTION. ROOF ANCHORS OR SIMILAR DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS' INSTALLATION INSTRUCTIONS.**

**1503.9 VALLEY OUTLETS. EACH ROOF VALLEY SHALL HAVE ACCESS TO AN ELECTRICAL RECEPTACLE INSTALLED ACCORDING TO THE ELECTRICAL CODE.**

Section 1507.1 is amended by adding two new subsections to read as follows:

**1507.1.1 Ice barrier. AN ICE BARRIER THAT CONSISTS OF AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET SHALL BE USED IN LIEU OF NORMAL UNDERLAYMENT**

**ON ALL SLOPED ROOFS. THIS ICE DAM PROTECTION UNDERLAYMENT SHALL BE INSTALLED FROM THE EAVES TO A POINT 6 FEET INSIDE THE EXTERIOR WALL LINE OF THE BUILDING AND 24 INCHES FROM THE CENTER LINE OF ALL VALLEYS, FULLY ADHERED TO THE SUBSTRATE ON ALL HABITABLE STRUCTURES.**

**Exception: DETACHED ACCESSORY STRUCTURES THAT CONTAIN NO CONDITIONED FLOOR AREA.**

**1507.1.2 Snow-shed barriers. ROOFS SHALL BE DESIGNED TO PREVENT ACCUMULATIONS OF SNOW FROM SHEDDING ABOVE OR IN FRONT OF GAS UTILITY OR ELECTRIC UTILITY METERS.**

Section 1507.2.8.2 is amended by deleting in its entirety.

~~**1507.2.8.2. Ice barrier.** In areas where there has been a history of ice forming along the eaves causing a backup of water, an ice barrier that consists of at least two layers of underlayment cemented together or of a self-adhering polymer-modified bitumen sheet shall be used in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24 inches (610 mm) inside the exterior wall line of the building.~~

~~Exception: Detached accessory structures that contain no conditioned floor area. **THIS SUBSECTION DELETED.**~~

Section 1507.4 is amended by adding a new subsection to read as follows:

**1507.4.1.1 Mechanical barriers for metal roof shingles and metal roof panels. ROOFS WITH METAL ROOF SHINGLES OR METAL ROOF PANELS SHALL BE DESIGNED SO AS TO PREVENT ACCUMULATIONS OF SNOW FROM SHEDDING ONTO PEDESTRIAN AND VEHICULAR EXITS FROM BUILDINGS AND ON TO SIDEWALKS, STREETS AND ALLEY WAYS.**

**MECHANICAL BARRIERS INSTALLED TO PREVENT SNOW SHEDDING FROM THE ROOF SHALL BE SECURED TO ROOF FRAMING MEMBERS OR TO SOLID BLOCKING SECURED TO FRAMING MEMBERS IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.**

**INDIVIDUAL DEVICES INSTALLED IN A GROUP OF DEVICES TO CREATE A BARRIER TO PREVENT SNOW SHEDDING SHALL BE INSTALLED IN AT LEAST TWO ROWS WITH THE FIRST ROW NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE. THE ROWS SHALL BE PARALLEL WITH THE EXTERIOR WALL LINE AND THE DEVICES IN EACH ROW SHALL BE STAGGERED FOR A SPACING OF NO MORE THAN 24 INCHES ON CENTER MEASURED PARALLEL WITH THE EXTERIOR WALL LINE.**

**CONTINUOUS SNOW BARRIERS SHALL BE SECURED TO ROOF FRAMING AT NO MORE THAN 48 INCHES ON CENTER. CONTINUOUS BARRIERS SHALL BE INSTALLED PARALLEL WITH THE**

**EXTERIOR WALL LINE AND NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE.**

Section 1507.5 is amended by adding a new subsection to read as follows:

**1507.5.1.1 Mechanical barriers for metal roof shingles and metal roof panels. ROOFS WITH METAL ROOF SHINGLES OR METAL ROOF PANELS SHALL BE DESIGNED SO AS TO PREVENT ACCUMULATIONS OF SNOW FROM SHEDDING ONTO PEDESTRIAN AND VEHICULAR EXITS FROM BUILDINGS AND ON TO SIDEWALKS, STREETS AND ALLEY WAYS.**

**MECHANICAL BARRIERS INSTALLED TO PREVENT SNOW SHEDDING FROM THE ROOF SHALL BE SECURED TO ROOF FRAMING MEMBERS OR TO SOLID BLOCKING SECURED TO FRAMING MEMBERS IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.**

**INDIVIDUAL DEVICES INSTALLED IN A GROUP OF DEVICES TO CREATE A BARRIER TO PREVENT SNOW SHEDDING SHALL BE INSTALLED IN AT LEAST TWO ROWS WITH THE FIRST ROW NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE. THE ROWS SHALL BE PARALLEL WITH THE EXTERIOR WALL LINE AND THE DEVICES IN EACH ROW SHALL BE STAGGERED FOR A SPACING OF NO MORE THAN 24 INCHES ON CENTER MEASURED PARALLEL WITH THE EXTERIOR WALL LINE.**

**CONTINUOUS SNOW BARRIERS SHALL BE SECURED TO ROOF FRAMING AT NO MORE THAN 48 INCHES ON CENTER. CONTINUOUS BARRIERS SHALL BE INSTALLED PARALLEL WITH THE EXTERIOR WALL LINE AND NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE.**

Section 1507.5.4 is amended by deleting in its entirety.

~~**1507.5.4 Ice barrier.** In areas where there has been a history of ice forming along the eaves causing a backup of water, an ice barrier that consists of at least two layers of underlayment cemented together or of a self-adhering polymer-modified bitumen sheet shall be used in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24 inches (610 mm) inside the exterior wall line of the building.~~

~~Exception: Detached accessory structures that contain no conditioned floor area. **THIS SUBSECTION DELETED.**~~

Section 1507.6.4 is amended by deleting in its entirety.

~~**1507.6.4 Ice barrier.** In areas where there has been a history of ice forming along the eaves causing a backup of water, an ice barrier that consists of at least two layers of underlayment cemented together or of a self-adhering polymer-modified bitumen sheet shall be used in lieu of~~

normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24 inches (610 mm) inside the exterior wall line of the building.

**Exception:** Detached accessory structures that contain no conditioned floor area. **THIS SUBSECTION DELETED.**

Section 1507.7.4 is amended by deleting in its entirety.

~~**1507.7.4 Ice barrier.** In areas where the average daily temperature in January is 25<sup>o</sup> (-4) or less there is a possibility of ice forming along the eaves causing a backup of water, an ice barrier that consists of at least two layers of underlayment cemented together or of a self-adhering polymer-modified bitumen sheet shall extend from the lowest edges of all roof surfaces to a point at least 24 inches inside (610 mm) inside the exterior wall line of the building.~~

~~**Exception:** Detached accessory structures that contain no conditioned floor area. **THIS SUBSECTION DELETED.**~~

Section 1507.8.4 is amended by deleting in its entirety.

~~**1507.8.4 Ice barrier.** In areas where there has been a history of ice forming along the eaves causing a backup of water, an ice barrier that consists of at least two layers of underlayment cemented together or of a self-adhering polymer-modified bitumen sheet shall be used in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24 inches (610 mm) inside the exterior wall line of the building.~~

~~**Exception:** Detached accessory structures that contain no conditioned floor area. **THIS SUBSECTION DELETED.**~~

Section 1507.9.4 is amended by deleting in its entirety.

~~**1507.9.4 Ice barrier.** In areas where there has been a history of ice forming along the eaves causing a backup of water, an ice barrier that consists of at least two layers of underlayment cemented together or of a self-adhering polymer-modified bitumen sheet shall be used in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24 inches (610 mm) inside the exterior wall line of the building.~~

~~**Exception:** Detached accessory structures that contain no conditioned floor area. **THIS SUBSECTION DELETED.**~~

Section 1605.2.2 is amended by deleting in its entirety.

~~**1605.2.2 Flood loads.** Where flood loads,  $F_a$ , are to be considered in the design, the load combinations of Section 2.3.3 of ASCE 7 shall be used. **THIS SUBSECTION DELETED.**~~

Section 1605.3.1.2 is amended by deleting in its entirety.

~~**1605.3.1.2 Flood loads.** Where flood loads,  $F_{s7}$ , are to be considered in the design, the load combinations of Section 2.4.2 of ASCE 7 shall be used. THIS SUBSECTION DELETED.~~

Section 1608.1 is amended to read as follows:

**1608.1 General.** Design snow loads shall be determined in accordance with Section 7 of ASCE 7, Table 1608.1, but the design roof load shall not be less than that determined by section 1607.

**TABLE 1608.1 DESIGN SNOW LOAD FOR ROOFS**

9,000 FEET ABOVE SEA LEVEL IS 98 POUNDS PER SQUARE FOOT  
9,250 FEET ABOVE SEA LEVEL IS 105 POUNDS PER SQUARE FOOT  
9,500 FEET ABOVE SEA LEVEL IS 113 POUNDS PER SQUARE FOOT  
9,750 FEET ABOVE SEA LEVEL IS 120 POUNDS PER SQUARE FOOT  
10,000 FEET ABOVE SEA LEVEL IS 128 POUNDS PER SQUARE FOOT  
10,250 FEET ABOVE SEA LEVEL IS 136 POUNDS PER SQUARE FOOT  
10,500 FEET ABOVE SEA LEVEL IS 145 POUNDS PER SQUARE FOOT  
10,750 FEET ABOVE SEA LEVEL IS 154 POUNDS PER SQUARE FOOT

Section 1608.2 is amended to read as follows:

~~**1608.2 Ground snow loads.** ROOF SNOW LOAD. AS DETERMINED BY GRAND COUNTY SNOW LOAD/SNOW ZONE MAP OR GRAND COUNTY SUBDIVISION INDEX. The ground snow loads to be used in determining the design snow loads for roofs shall be determined in accordance with ASCE 7 or Figure 1608.2 for the contiguous United States and Table 1608.2 for Alaska. Site-specific case studies shall be made in areas designated "CS" in Figure 1608.2. Ground snow loads **ROOF SNOW LOADS** for sites at elevations above the limits indicated in Figure 1608.2 and for all sites within the CS areas shall be *approved*. Ground snow load determination for such sites shall be based on an extreme value statistical analysis of data available in the vicinity of the site using a value with a 2 percent annual probability of being exceeded (50 year mean recurrence interval). Snow loads are zero for Hawaii, except in mountainous regions as *approved* by the *building official*.~~

Section 1612 is amended by deleting in its entirety.

~~**SECTION 1612 FLOOD LOADS. THIS SECTION DELETED.**~~

Section 1703.1 is amended to read as follows:

**1703.1 Approved agency.** An *approved agency* shall provide all information as necessary for the *building official* to determine that the agency meets the applicable requirements. **THE FIRE DEPARTMENT OR THE STATE OF COLORADO DIVISION OF FIRE SAFETY OR THEIR AUTHORIZED REPRESENTATIVE SHALL BE AN APPROVED AGENCY FOR SPECIAL INSPECTION OF FIRE PROTECTION SYSTEMS REQUIRED BY THIS CODE AND THE INTERNATIONAL FIRE CODE.**

Section 1704 is amended by adding two new subsections to read as follows:

**1704.17 Fire protection systems.** FIRE PROTECTION SYSTEMS SHALL HAVE THE DESIGN PLANS APPROVED BY A SPECIAL INSPECTION AGENCY AND THE SYSTEMS INSPECTED AND TESTED BY A SPECIAL INSPECTOR FOR COMPLIANCE WITH THE REQUIREMENTS OF THIS CODE AND THE INTERNATIONAL FIRE CODE.

**1704.17.1 Qualifications.** SPECIAL INSPECTORS FOR FIRE PROTECTION SYSTEMS SHALL HAVE EXPERTISE IN FIRE-PROTECTION. SPECIAL INSPECTORS FOR FIRE SUPPRESSION SYSTEMS SHALL BE A CERTIFIED FIRE SUPPRESSION SYSTEMS INSPECTOR BY THE STATE OF COLORADO DIVISION OF FIRE SAFETY.

**Exception:** SPECIAL INSPECTION BY THE FIRE DEPARTMENT OR THE STATE OF COLORADO DIVISION OF FIRE SAFETY OR THEIR AUTHORIZED REPRESENTATIVE OF FIRE PROTECTION SYSTEMS.

Section 1804.4 is amended by deleting in its entirety.

~~**1804.4 Grading and fill in flood hazard areas.** In *flood hazard areas* established in Section 1612.3, grading and/or fill shall not be *approved*:~~

- ~~1. Unless such fill is placed, compacted and sloped to minimize shifting, slumping and erosion during the rise and fall of flood water and as applicable, wave action.~~
- ~~2. In floodways, unless it has been demonstrated through hydrologic and hydraulic analyses performed by a *registered design professional* in accordance with standard engineering practice that the proposed grading or fill, or both, will not result in any increase in flood levels during the occurrence of the *design flood*.~~
- ~~3. In flood hazard areas subject to high velocity wave action, unless such fill is conducted and/or placed to avoid diversion of water and waves toward any building or structure.~~
- ~~4. Where design flood elevations are specified but floodways have not been designated, unless it has been demonstrated that the cumulative effect of the proposed *flood hazard area* encroachment, when combined with all other existing and anticipated *flood hazard area* encroachment, will not increase the design flood elevation more than 1 foot (305 mm) at any point. **THIS SUBSECTION DELETED.**~~

Section 1805.1.2.1 is amended by deleting in its entirety.

~~**1805.1.2.1 Flood hazard areas.** For buildings and structures in flood hazard areas as established in Section 1612.3, the finished ground level of an under-floor space such as a crawl space shall be equal to or higher than the outside finished ground level on at least one side.~~

~~**Exception:** Under-floor spaces of Group R-3 buildings that meet the requirements of FEMA/FIA-TB-11. **THIS SUBSECTION DELETED.**~~

Section 1807.1 is amended to read as follows:

**1807.1 Foundation walls.** Foundation walls shall be designed and constructed in accordance with Sections 1807.1.1 through 1807.1.6. Foundation walls shall be supported by ~~foundations~~ **FOOTINGS** designed in accordance with Section 1808.

Section 1808 is amended to read as follows:

#### **SECTION 1808 FOOTINGS AND FOUNDATIONS**

Section 1808.1 is amended to read as follows:

**1808.1 General. FOOTINGS AND** foundations shall be designed and constructed in accordance with Sections 1808.2 through 1808.9. Shallow **FOOTINGS AND** foundations shall also satisfy the requirements of Section 1809. Deep **FOOTINGS AND** foundations shall also satisfy the requirements of Section 1810. **ALL EXTERIOR WALLS SHALL BE SUPPORTED ON CONTINUOUS SOLID OR FULLY GROUTED MASONRY OR CONCRETE FOOTINGS. CONCRETE FOOTINGS SHALL INCLUDE A MINIMUM OF TWO #4 REINFORCEMENT BARS TO BE TIED CONTINUOUSLY AND SPACED A MINIMUM OF TWO INCHES FROM THE GROUND AND EQUALLY WITHIN THE FOOTING.**

**EXCEPTION: UNLESS DESIGNED AND STAMPED BY AN ENGINEER.**

Section 1808.2 is amended to read as follows:

**1808.2 Design for capacity and settlement. FOOTINGS AND** foundations shall be so designed that the allowable bearing capacity of the soil is not exceeded, and the differential settlement is minimized. **FOOTINGS AND** foundations in areas with expansive soils shall be designed in accordance with the provisions of Section 1808.6

Section 1808.3 is amended to read as follows:

**1808.3 Design loads. FOOTINGS AND** foundations shall be designed for the most unfavorable effects due to the combinations of loads specified in Section 1605.2 or 1605.3. The dead load is permitted to include the weight of foundations and overlying fill. ~~Reduced live loads, as~~

~~specified in Sections 1607.9 and 1607.11 shall be permitted to be used in the design of foundations.~~

Section 1809 is amended to read as follows:

## **SECTION 1809 SHALLOW FOOTINGS AND FOUNDATIONS**

Section 1809.1 is amended by adding three new subsections to read as follows:

**1809.1 General.** Shallow **FOOTINGS AND** foundations shall be designed and constructed in accordance with Sections 1809.2 through 1809.13.

**1809.1.1 FOOTINGS.** ALL EXTERIOR WALLS SHALL BE SUPPORTED ON CONTINUOUS SOLID OR FULLY GROUTED MASONRY OR CONCRETE FOOTINGS. CONCRETE FOOTINGS SHALL INCLUDE A MINIMUM OF TWO #4 REINFORCEMENT BARS TO BE TIED CONTINUOUSLY AND SPACED A MINIMUM OF TWO INCHES FROM THE GROUND AND EQUALLY WITHIN THE FOOTING. THERE SHALL BE #4 VERTICAL REBAR 4 FEET ON CENTER, MINIMUM. VERTICAL REBAR SHALL EXTEND FROM THE FOOTING TO THE TOP COURSE OF THE HORIZONTAL FOUNDATION WALL REBAR.

**EXCEPTION: UNLESS DESIGNED AND STAMPED BY AN ENGINEER.**

**1809.1.1.2 FOUNDATIONS.** THE MINIMUM FOUNDATION DESIGN IS AN 8 INCH THICK CONCRETE WALL. WALLS UP TO AND INCLUDING 4 FEET IN HEIGHT REQUIRE TWO (2) #4 CONTINUOUS REBAR IN THE TOP OF THE WALL. WALLS OVER 4 FEET UP TO AND INCLUDING 8 FEET IN HEIGHT REQUIRE TWO (2) #4 CONTINUOUS REBAR TOP AND BOTTOM. WALLS OVER 8 FEET IN HEIGHT ARE REQUIRED TO BE DESIGNED AND STAMPED BY AN ENGINEER. ALL FOUNDATION WALLS REQUIRE #4 VERTICAL REBAR 4 FEET ON CENTER, MINIMUM.

**EXCEPTION: UNLESS DESIGNED AND STAMPED BY AN ENGINEER.**

**1809.1.1.3 PIERS.** ALL CONCRETE PIERS SHALL INCLUDE A MINIMUM OF TWO (2) #4 VERTICAL REINFORCEMENT BARS TO BE SPACED EQUALLY WITHIN THE PIER. EXCEPT FOR STEEL DOWELS EMBEDDED 5 FEET OR LESS IN THE PIER, REINFORCEMENT SHALL BE ASSEMBLED AND TIED TOGETHER AND SHALL BE PLACED IN THE PIER HOLE AS A UNIT BEFORE THE REINFORCED PORTION OF THE PIER IS FILLED WITH CONCRETE.

### **EXCEPTIONS:**

- 1 UNLESS DESIGNED AND STAMPED BY AN ENGINEER.**
- 2 REINFORCEMENT IS PERMITTED TO BE WET SET AND THE 2 ½ INCH CONCRETE COVER REQUIREMENT BE REDUCED TO 2 INCHES FOR GROUP R-3 AND GROUP U OCCUPANCIES NOT EXCEEDING TWO STORIES OF LIGHT-FRAME CONSTRUCTION, PROVIDED THE CONSTRUCTION METHOD CAN BE DEMONSTRATED TO THE SATISFACTION OF THE BUILDING OFFICIAL.**

Section 1809.3 is amended to read as follows:

**1809.3 Stepped footings.** The top surface of footings shall be level. The bottom surface of footings shall be permitted to have a slope not exceeding one unit vertical in 10 units horizontal (10-percent slope). Footings shall be stepped where it is necessary to change the elevation of the top surface of the footing or where the surface of the ground slopes more than one unit vertical in 10 units horizontal (10-percent slope). **ALL EXTERIOR WALLS SHALL BE SUPPORTED ON CONTINUOUS SOLID OR FULLY GROUTED MASONRY OR CONCRETE FOOTINGS. CONCRETE FOOTINGS SHALL INCLUDE A MINIMUM OF TWO #4 REINFORCEMENT BARS TO BE TIED CONTINUOUSLY AND SPACED A MINIMUM OF TWO INCHES FROM THE GROUND AND EQUALLY WITHIN THE FOOTING. THERE SHALL BE #4 VERTICAL REBAR 4 FEET ON CENTER, MINIMUM. VERTICAL REBAR SHALL EXTEND FROM THE FOOTING TO THE TOP COURSE OF THE HORIZONTAL FOUNDATION WALL REBAR.**

Section 1809.4 is amended to read as follows:

**1809.4 Depth and width AND EDGE THICKNESS of SPREAD footings.** The minimum depth of **SPREAD** footings below the ~~undisturbed ground surface~~ **FINISHED GRADE** shall be ~~12 inches (305 mm)~~ **30 INCHES, MEASURED TO THE BOTTOM OF FOOTING.** Where applicable, the requirements of Section 1809.5 shall also be satisfied. The minimum width of **SPREAD** footings shall be ~~12 inches (305 mm)~~ **16 INCHES. THE MINIMUM EDGE THICKNESS OF SPREAD FOOTINGS SHALL BE 8 INCHES.**

Section 1809.5 is amended to read as follows:

**1809.5 Frost protection.** Except where otherwise protected from frost, foundations and other permanent supports of buildings and structures shall be protected from frost by one or more of the following methods:

1. Extending below the frost line of the locality; **30 INCHES.**
2. Constructing in accordance with ASCE 32; or
3. Erecting on solid rock.

**Exception:** Free-standing buildings meeting ~~all~~ **BOTH** of the following conditions shall not be required to be protected:

- ~~1. Assigned to *Occupancy Category I*, in accordance with Section 1604.5.~~
- 1.** Area of ~~600 (56 m<sup>2</sup>)~~ **120** square feet or less for light-frame construction or ~~400 (37 m<sup>2</sup>)~~ **120** square feet or less for other than light-frame construction; and
- 2.** Eave height of 10 feet (3048 mm) or less.

Shallow foundations shall not bear on frozen soil ~~unless such frozen condition is of a permanent character.~~

Section 1809.7 is amended by deleting in its entirety.

~~**1809.7 Prescriptive footings for light framed construction.** Where a specific design is not provided, concrete or masonry unit footings supporting walls of light frame construction shall be permitted to be designed in accordance with Table 1809.7~~

~~Table 1809.7 is deleted in its entirety. THIS SUBSECTION DELETED.~~

Section 2111.1.1 is amended by adding a new subsection to read as follows:

**2111.1.1 LIMITATION ON THE NUMBER: THE NUMBER OF APPROVED SOLID FUEL BURNING APPLIANCES OR DEVICES WHICH MAY BE INSTALLED SHALL NOT EXCEED THE FOLLOWING LIMITS:**

- 1. DETACHED SINGLE-FAMILY DWELLING: ONE APPROVED SOLID FUEL BURNING APPLIANCE OR DEVICE PER DWELLING.**
- 2. BUILDING WITH TWO DWELLING UNITS: ONE APPROVED SOLID FUEL BURNING APPLIANCE OR DEVICE PER DWELLING UNIT PROVIDED THE DWELLING UNIT IS GREATER THAN ONE THOUSAND FIVE HUNDRED (1,500) SQUARE FEET IN TOTAL LIVING AREA.**
- 3. APARTMENTS, CONDOMINIUMS, COMMERCIAL, AND INDUSTRIAL BUILDINGS: APARTMENTS, CONDOMINIUMS, COMMERCIAL, AND INDUSTRIAL BUILDINGS SHALL BE ALLOWED TO INSTALL ONE APPROVED SOLID FUEL BURNING APPLIANCE OR DEVICE IN A LOBBY OR OTHER COMMON AREA OF THE APARTMENT, CONDOMINIUM, OR HOTEL. ONLY AN APPROVED NONSOLID FUEL BURNING APPLIANCE MAY BE INSTALLED WITHIN ANY APARTMENT, CONDOMINIUM OR HOTEL/MOTEL ROOM.**

Section 2301.2 is amended to read as follows:

**2301.2 General design requirements.** The design of structural elements or systems, constructed partially or wholly of wood or wood-based products, shall be in accordance on one of the following methods. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD SHALL NOT BE PERMITTED IN ANY OF THESE DESIGN METHODS.**

Section 2303.1.10 is amended by adding two exceptions to read as follows:

**2303.1.10 Structural log members.** Stress grading of structural log members of nonrectangular shape, as typically used in log buildings, shall be in accordance with ASTM D 3957. Such structural log members shall be identified by the grade *mark* of an *approved* lumber grading or

inspection agency. In lieu of a grade *mark* on the material, a certificate of inspection as to species and grade issued by a lumber grading or inspection agency meeting the requirements of this section shall be permitted.

**Exceptions:**

1. **IN SINGLE FAMILY DWELLINGS OF LOG CONSTRUCTION, WALL LOGS NEED NOT BE GRADED.**
2. **IN SINGLE FAMILY DWELLINGS OF LOG CONSTRUCTION, ALL STRUCTURAL LOGS MAY BE DESIGNED BY A LICENSED COLORADO ARCHITECT OR ENGINEER AND INSPECTED BY THAT ARCHITECT OR ENGINEER AFTER THE COMPLETION OF THE FRAMING WITH THE ARCHITECT OR ENGINEER CERTIFYING TO THE BUILDING DEPARTMENT THAT THE LOGS ARE OF THE SIZE, QUALITY AND SPECIES OF THE DESIGN AND THAT THEY WERE INSTALLED TO THAT DESIGN. WALL LOGS NEED NOT BE PART OF THE STRUCTURAL DESIGN.**

Section 2303.4.1 is amended to read as follows:

**2303.4.1 Design.** Wood trusses shall be designed in accordance with the provisions of This Code and accepted engineering practice. Members are permitted to be joined by nails, glue, bolts, timber connectors, metal connector plates or other *approved* framing devices. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL NOT BE PERMITTED IN ANY OF THESE DESIGN METHODS.**

Section 2304.2 is amended to read as follows:

**2304.2 Size of structural members.** Computations to determine the required sizes of members shall be based on the net dimensions (actual sizes) and not nominal sizes. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL NOT BE PERMITTED IN ANY OF THESE COMPUTATIONS.**

Section 2304.4 is amended to read as follows:

**2304.4 Floor and roof framing.** The framing of wood-joisted floors and wood framed roofs shall be in accordance with the provisions specified in Section 2308 unless a specific design is furnished. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOFS SHALL NOT BE PERMITTED.**

Section 2304.7.2 is amended to read as follows:

**2304.7.2 Structural roof sheathing.** Structural roof sheathing shall be designed in accordance with the general provisions of This Code and the special provisions in this section.

Roof sheathing conforming to the provisions of Table 2304.7(1), 2304.7(2), 2304.7(3) or 2304.7(5) shall be deemed to meet the requirements of this section. Wood structural panel roof sheathing shall be bonded by exterior glue.

**EXCEPTION: A MINIMUM OF 5/8 INCH PLYWOOD, PARTICLE BOARD, OR WAFERWOOD SHALL BE USED ON ROOF RAFTERS OR ROOF TRUSSES SPACED 24 INCHES ON CENTER IN ANY SNOW LOAD AREA.**

Section 2308.9.5.1 is amended to read as follows:

**2308.9.5.1 Headers.** Headers shall be provided over each opening in exterior- bearing walls. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL NOT BE PERMITTED.** The spans in Table 2308.9.5 are permitted to be used for one and two-family dwellings. Headers for other buildings shall be designed in accordance with Section 2301.2, Item 1 or 2. Headers shall be of two pieces of nominal 2-inch (51 mm) framing lumber set on edge, **MINIMUM** as permitted by Table 2308.9.5 and nailed together in accordance with Table 2304.9.1 or of solid lumber of equivalent size.

Section 2308.10.3 is amended to read as follows:

**2308.10.3 Rafter spans.** Allowable spans for rafters shall be in accordance with Table 2308.10.3(1), 2308.10.3(2), 2308.10.3(3), 2308.10.3(4), 2308.10.3(5) or 2308.10.3(6). For other grades and species, refer to the *AF&PA Span Tables for Joists and Rafters*. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL NOT BE PERMITTED.**

Section 2308.10.8 is amended to read as follows:

**2308.10.8 Roof sheathing.** Roof sheathing shall be in accordance with Tables 2304.7(3) and 2304.7(5) for wood structural panels, and Tables 2304.7(1) and 2304.7(2) for lumber and shall comply with Section 2304.7.2.

**EXCEPTION: A MINIMUM OF 5/8 INCH PLYWOOD, PARTICLE BOARD, OR WAFERWOOD SHALL BE USED ON ROOF RAFTERS OR ROOF TRUSSES SPACED 24 INCHES ON CENTER IN ANY SNOW LOAD AREA.**

Section 2901.1 is amended to read as follows:

**[P] 2901.1 Scope.** The provisions of this chapter and the *International Plumbing Code* shall govern the erection, installation, *alternation*, repairs, relocation, replacement, *addition* to, use or maintenance of plumbing equipment and systems. Plumbing systems and equipment shall be

constructed, installed and maintained in accordance with the *International Plumbing Code*.  
~~Private sewage disposal systems shall conform to the *International Private Sewage Disposal Code*.~~

Section 2901 is amended by adding a new subsection to read as follows:

**[P] 2901.1.1 SANITATION AT CONSTRUCTION SITES. TOILET FACILITIES SHALL BE PROVIDED FOR CONSTRUCTION WORKERS AND SUCH FACILITIES SHALL BE CONVENIENTLY LOCATED AND MAINTAINED IN A SANITARY CONDITION. THE FACILITIES SHALL BE AVAILABLE FOR USE FROM THE START OF THE PROJECT UNTIL THE CERTIFICATE OF OCCUPANCY IS ISSUED.**

Section 3001.1 is amended to read as follows:

**3001.1 Scope.** This chapter governs the design, construction, installation, *alteration*, MAINTENANCE, and repair of NEW AND EXISTING INSTALLATIONS OF elevators, DUMBWAITERS, ESCALATORS, AND MOVING WALKS, ~~and conveying systems and their components~~ REQUIRING PERMITS THEREFOR PROVIDING PROCEDURES FOR THE INSPECTION AND MAINTENANCE OF SUCH CONVEYANCES.

Chapter 30, concerning elevators, moving walks, escalators or dumbwaiters, is amended by adding four new sections and subsections to read as follows:

#### **SECTION 3009 PERMITS & CERTIFICATES OF INSPECTION**

**3009.1 PERMITS REQUIRED.** IT SHALL BE UNLAWFUL TO INSTALL ANY NEW ELEVATOR, MOVING WALK, ESCALATOR OR DUMBWAITERS OR TO MAKE MAJOR ALTERATIONS TO ANY EXISTING ELEVATOR, DUMBWAITER, ESCALATOR OR MOVING WALK, AS DEFINED IN PART XII OF ASME A17.1, WITHOUT FIRST OBTAINING A PERMIT FOR SUCH INSTALLATION FROM THE BUILDING OFFICIAL. PERMITS SHALL NOT BE REQUIRED FOR MAINTENANCE OR MINOR ALTERATIONS.

**3009.2 CERTIFICATES OF INSPECTION REQUIRED.** IT SHALL BE UNLAWFUL TO OPERATE ANY ELEVATOR, DUMBWAITER, ESCALATOR OR MOVING WALK WITHOUT A CURRENT CERTIFICATE OF INSPECTION ISSUED BY THE BUILDING OFFICIAL. SUCH CERTIFICATE SHALL BE ISSUED UPON PAYMENT OF PRESCRIBED FEES AND THE PRESENTATION OF A VALID INSPECTION REPORT INDICATING THAT THE CONVEYANCE IS SAFE AND THAT THE INSPECTIONS AND TESTS HAVE BEEN PERFORMED IN ACCORDANCE WITH PART X OF THE ASME A17.1. CERTIFICATES SHALL NOT BE ISSUED WHEN THE CONVEYANCE IS POSTED AS UNSAFE PURSUANT TO SECTION 3010.

**EXCEPTION: CERTIFICATES OF INSPECTION SHALL NOT BE REQUIRED FOR CONVEYANCES WITHIN A DWELLING UNIT.**

**3009.3 APPLICATION FOR PERMITS. APPLICATION FOR A PERMIT TO INSTALL SHALL BE MADE ON FORMS PROVIDED BY THE BUILDING OFFICIAL, AND THE PERMIT SHALL BE ISSUED TO AN OWNER UPON PAYMENT OF THE PERMIT FEES SPECIFIED IN THIS SECTION.**

**3009.4 APPLICATIONS FOR CERTIFICATES OF INSPECTION. APPLICATION FOR A CERTIFICATE OF INSPECTION SHALL BE MADE BY THE OWNER OF AN ELEVATOR, DUMBWAITER, ESCALATOR OR MOVING WALK. APPLICATIONS SHALL BE ACCOMPANIED BY AN INSPECTION REPORT AS DESCRIBED IN SECTION 3009. FEES FOR CERTIFICATES OF INSPECTION SHALL BE AS SPECIFIED IN THIS SECTION.**

## **SECTION 3010 DESIGN**

**3010.1 DETAILED REQUIREMENTS. FOR DETAIL DESIGN, CONSTRUCTION AND INSTALLATION REQUIREMENTS, SEE CHAPTER 16 AND THE APPROPRIATE REQUIREMENTS OF ASME A17.1.**

## **SECTION 3011 REQUIREMENTS FOR OPERATION AND MAINTENANCE**

**3011.1 GENERAL. THE OWNER SHALL BE RESPONSIBLE FOR SAFE OPERATION AND MAINTENANCE OF EACH ELEVATOR, DUMBWAITER, ESCALATOR AND MOVING WALK INSTALLATION AND SHALL CAUSE PERIODIC INSPECTIONS TO BE MADE ON SUCH CONVEYANCES AS REQUIRED IN THIS SECTION.**

**3011.2 PERIODIC INSPECTIONS AND TEST. ROUTINE AND PERIODIC INSPECTIONS AND TESTS SHALL BE MADE AS REQUIRED BY PART X OF ASME A17.1.**

**3011.3 ALTERATIONS, REPAIRS AND MAINTENANCE. ALTERNATIONS, REPAIRS, AND MAINTENANCE SHALL BE MADE AS REQUIRED BY PART XII OF ASME A17.1.**

**3011.4 INSPECTION COSTS. ALL COST OF SUCH INSPECTIONS AND TEST SHALL BE PAID BY THE OWNER.**

**3011.5 INSPECTION REPORTS. AFTER EACH REQUIRED INSPECTION, A FULL AND CORRECT REPORT OF SUCH INSPECTION SHALL BE FILED WITH THE BUILDING OFFICIAL.**

## **SECTION 3012 UNSAFE CONDITIONS**

**3012.1 UNSAFE CONDITIONS. WHEN AN INSPECTION REVEALS AN UNSAFE CONDITION OF AN ELEVATOR, MOVING WALK, ESCALATOR OR DUMBWAITER, THE INSPECTOR SHALL IMMEDIATELY FILE WITH THE OWNER AND THE BUILDING OFFICIAL A FULL AND TRUE REPORT OF SUCH INSPECTION AND SUCH UNSAFE CONDITION. IF THE BUILDING OFFICIAL FINDS THAT AN UNSAFE CONDITION ENDANGERS HUMAN LIFE, THE BUILDING OFFICIAL SHALL CAUSE TO BE PLACED ON SUCH ELEVATOR, ESCALATOR OR MOVING WALK, IN A CONSPICUOUS PLACE, A NOTICE STATING CONVEYANCE IS UNSAFE. THE OWNER SHALL SEE TO IT THAT SUCH NOTICE**

**OF UNSAFE CONDITION IS LEGIBLY MAINTAINED WHERE PLACED BY THE BUILDING OFFICIAL. THE BUILDING OFFICIAL SHALL ALSO ISSUE AN ORDER IN WRITING TO THE OWNER REQUIRING THE REPAIRS OR ALTERATIONS TO BE MADE TO SUCH CONVEYANCE THAT ARE NECESSARY TO RENDER IT SAFE AND MAY ORDER THE OPERATION THEREOF DISCONTINUED UNTIL THE REPAIRS OR ALTERATIONS ARE MADE OR THE UNSAFE CONDITIONS ARE REMOVED. A POSTED NOTICE OF UNSAFE CONDITIONS SHALL BE REMOVED ONLY BY THE BUILDING OFFICIAL WHEN SATISFIED THAT THE UNSAFE CONDITIONS HAVE BEEN CORRECTED.**

Section 3109.3 is amended by adding an exception to read as follows:

**3109.3 Public swimming pools.** Public swimming pools shall be completely enclosed by a fence at least 4 feet (1290 mm) in height or a screen enclosure. Openings in the fence shall not *permit* the passage of a four-inch-diameter (102 mm) sphere. The fence or screen enclosure shall be equipped with self-closing and self-latching gates.

**EXCEPTION: A SWIMMING POOL WITH A POWER SAFETY COVER OR A SPA WITH A SAFETY COVER COMPLYING WITH ASTM F 1346.**

Section 3309 is amended to read as follows:

**[F] 3309.1 Where required.** All structures under construction, *alteration* or demolition shall be provided with not less than one *approved* portable fire extinguishers ~~in accordance with Section 906 and sized for not less than ordinary hazard as follows:~~ **AS REQUIRED BY THE FIRE DEPARTMENT.**

1. At each *stairway* on all floor levels where combustible materials have accumulated.
2. In every storage and construction shed.
3. Additional portable fire extinguishers shall be provided where special hazards exist, such as the storage and use of flammable and combustible liquids.

Section 3311.1 is amended to read as follows:

**[F] 3311.1 Where required.** In buildings required to have standpipes by Section 905.3.1, **AS REQUIRED BY THE FIRE DEPARTMENT.** ~~not less than one standpipe shall be provided for use during construction. Such standpipes shall be installed when the progress of construction is not more than 40 feet (12 192 mm) in height above the lowest level of fire department vehicle access. Such standpipe shall be provided with fire department hose connections at accessible locations adjacent to usable stairs. Such standpipes shall be extended as construction progresses to within one floor of the highest point of construction having secured decking or flooring.~~

Section 3311.2 is amended to read as follows:

**[F] 3311.2 Buildings being demolished.** Where a building is being demolished and a standpipe exists within such a building, such standpipe shall be maintained in an operable condition so as to be available for use by the fire department. Such standpipe shall be demolished with the building but shall not be demolished more than one floor below the floor being demolished **OR AS APPROVED BY THE FIRE DEPARTMENT.**

Section 3311.4 is amended to read as follows:

**3311.4 Water supply.** Water supply for fire protection, either temporary or permanent shall be made available as soon as combustible material accumulates **OR AS REQUIRED BY THE FIRE DEPARTMENT.**

Section 3401.3 is amended to read as follows:

**3401.3 Compliance.** Alterations, repairs, additions and changes of occupancy to existing structures shall comply with the provisions for alterations, repairs, buildings and additions and changes of occupancy in the *International Fire Code, International Fuel Gas Code, International Mechanical Code, International Plumbing Code, International Property Maintenance Code, International Private Sewage Disposal Code, International Residential Code* and NFPA 70.

Section 3401.5 is amended by deleting in its entirety.

~~**3401.5 Alternative compliance.** Work performed in accordance with the *International Existing Building Code* shall be deemed to comply with the provisions of this chapter. **THIS SUBSECTION DELETED.**~~

Section 3403.2 is amended by deleting in its entirety.

~~**3403.2 Flood hazard areas.** For buildings and structures in flood hazard areas established in Section 1612.3, any *addition* that constitutes substantial improvement of the *existing structure*, as defined in Section 1612.2, shall comply with the flood design requirements for new construction, and all aspects of the *existing structure* shall be brought into compliance with the requirements for new construction for flood design.~~

~~For buildings and structures in flood hazard areas established in Section 1612.3, any additions that do not constitute substantial improvement or substantial damage of the *existing structure*, as defined in Section 1612.2, are not required to comply with the flood design requirements for new construction. **THIS SUBSECTION DELETED.**~~

Section 3404.2 is amended by deleting in its entirety.

~~**3404.2 Flood hazard areas.** For buildings and structures in flood hazard areas established in Section 1612.3, any *alteration* that constitutes substantial improvement of the existing~~

~~structure, as defined in Section 1612.2, shall comply with the flood design requirements for new construction, and all aspects of the existing structure shall be brought into compliance with the requirements for new construction for flood design.~~

~~For buildings and structures in flood hazard areas established in Section 1612.3, any alterations that do not constitute substantial improvement or substantial damage of the existing structure, as defined in Section 1612.2, are not required to comply with flood design requirements for new construction. THIS SUBSECTION DELETED.~~

Section 3409.2 is amended by deleting in its entirety.

~~**3409.2 Flood hazard areas.** Within flood hazard areas established in accordance with Section 1612.3, where the work proposed constitutes substantial improvement as defined in Section 1612.2, the building shall be brought into compliance with Section 1612.~~

~~**Exception:** *Historic buildings that are:*~~

- ~~1. *Listed or preliminarily determined to be eligible for listing in the National Register of Historic Places;*~~
- ~~2. *Determined by the Secretary of the U.S. Department of Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined to qualify as an historic district; or*~~
- ~~3. *Designated as historic under a state or local historic preservation program that is approved by the Department of Interior. THIS SUBSECTION DELETED.*~~

Section 3412.2 is amended to read as follows:

**3412.2 Applicability.** Structures existing prior to [DATE TO BE INSERTED BY THE JURISDICTION] **DECEMBER 21, 1978** [Note: it is recommended that this date coincide with the effective date of building codes within the jurisdiction], in which there is work involving additions, alterations or changes of occupancy shall be made to comply with the requirements of this section or the provisions of Sections 3403 through 3409. The provisions in Sections 3412.2.1 through 3412.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, S and U. These provisions shall not apply to buildings with occupancies in Group H or I.

Section 3412.2.4.1 is amended by deleting in its entirety.

~~**3412.2.4.1 Flood hazard areas.** For existing buildings located in flood hazard areas established in Section 1612.3, if the alterations and repairs constitute substantial improvement of the existing building, the existing building shall be brought into compliance with the requirements for new construction for flood design. THIS SUBSECTION DELETED.~~

Section 3412.3.2 is amended by deleting in its entirety.

~~**3412.3.2 Compliance with other codes.** Buildings that are evaluated in accordance with this section shall comply with the *International Fire Code* and *International Property Maintenance Code*. THIS SUBSECTION DELETED.~~

Section 3412.4 is amended to read as follows:

**3412.4 Investigation and evaluation.** For proposed work covered by this section, the building owner shall cause the existing building to be investigated and evaluated in accordance with the provisions of this section **BY A DESIGN PROFESSIONAL LICENSED TO PRACTICE IN THE STATE OF COLORADO.**

**EXCEPTION: GROUP R, DIVISION 3 AND GROUP U OCCUPANCIES.**

Section 3412.6 is amended to read as follows:

**3412.6 Evaluation process. THE BUILDING OWNER SHALL CAUSE THE EXISTING BUILDING TO BE EVALUATED IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION BY A DESIGN PROFESSIONAL(S) LICENSED TO PRACTICE IN THE STATE OF COLORADO.** The evaluation process specified herein shall be followed in its entirety to evaluate existing buildings. Table 3412.7 shall be utilized for tabulating the results of the evaluation. References to other sections of This Code indicate that compliance with those sections is required in order to gain credit in the evaluation herein outlined. In applying this section to a building with mixed occupancies, where the separation between the mixed occupancies does not qualify for any category indicated in Section 3412.6.16, the score for each occupancy shall be determined and the lower score determined for each section of the evaluation process shall apply to the entire building.

Where the separation between the mixed occupancies qualifies for any category indicated in Section 3412.6.16, the score for each occupancy shall apply to each portion of the building based on the occupancy of the space.

**EXCEPTION: GROUP R, DIVISION 3 AND GROUP U OCCUPANCIES.**

## **AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE**

**TOWN CODE 6-1-3: Code Amendments:** The following sections of the **International Residential Code**, adopted by reference in Town Code Section 6-1-1 hereof, is hereby amended as follows:

**R101.1 Title.** These provisions shall be known as the Residential Code for One- and Two-family Dwellings of The Town of Winter Park, and shall be cited as such and will be referred to herein as "This Code."

Section R102.7 is amended to read as follows:

**R102.7 Existing structures.** The legal occupancy of any structure existing on the date of adoption of This Code shall be permitted to continue without change, except as is specifically covered in This Code, ~~the International Property Maintenance Code or the International Fire Code~~, or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public.

Section R103.2 is amended to read as follows:

**R103.2 Appointment-BUILDING OFFICIAL. SEE 6-1-2, 103.2.**

Section R103.3 is amended to read as follows:

**R103.3 Deputies. SEE 6-1-2, 103.3**

Section R104.8 is amended to read as follows:

**R104.8 Liability. SEE 6-1-2, 104.8.**

Section R105.2 is amended to read as follows:

**R105.2 Work exempt from permit.** *Permits* shall not be required for the following. Exemption from the *permit* requirements of This Code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of This Code or any other laws or ordinances of this *jurisdiction*.

**Building:**

1. One-story detached *accessory structures* used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed ~~200~~ **120** square feet (~~18.58 m<sup>2</sup>~~).
2. Fences not over 6 feet (1829 mm) high.
3. Retaining walls which are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. ~~Sidewalks and driveways.~~ **PLATFORMS, WALKS AND DRIVEWAYS AT GRADE AND WHICH ARE NOT PART OF AN ACCESSIBLE ROUTE.**
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment.
9. Window awnings supported by an exterior wall which do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.

10. ~~Decks not exceeding 200 square feet (18.58m<sup>2</sup>) in area, that are not more than 30 inches above *grade* at any point, are not attached to a *dwelling* and do not serve the exit door required by Section R311.4~~

**11. AGRICULTURAL BUILDINGS AS DEFINED HEREIN.**

Section R105.5 is amended to read as follows:

**R105.5 Expiration. EVERY PERMIT ISSUED BY THE BUILDING OFFICIAL UNDER THE PROVISION OF THIS CODE SHALL EXPIRE 24 MONTHS AFTER THE DATE OF ISSUE.** Every *permit* issued shall become invalid unless the work on the site authorized by such *permit* is commenced within 180 days after its issuance, or if the work authorized by such *permit* is suspended or abandoned for a period of 180 days after the time the work is commenced. The *building official* is authorized to grant, in writing, one or more extensions of time, for ~~A~~ **periods OF** not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Section R106.1 is amended by adding new sections to read:

**R106.1.4 PROOF OF WATER AND SEWER. THE APPLICANT SHALL PROVIDE DOCUMENTATION FROM THE WATER AND SANITATION DISTRICT OF AN APPROVED WATER AND SEWER UTILITY PLAN WHICH MAY INCLUDE PAYING THE REQUIRED WATER AND SEWER TAP FEES.**

**R106.1.5 EMERGENCY SERVICES IMPACT FEE. A DEVELOPER REQUESTING APPROVAL OF A DEVELOPMENT ACTIVITY REQUIRING ADDITIONAL EMERGENCY SERVICES SHALL PAY THE IMPACT FEE TO THE EMERGENCY SERVICES PROVIDED PRIOR TO ANY ISSUANCE OF A BUILDING PERMIT BY THE TOWN. (TOWN ORDINANCE NO. 316, SERIES OF 2001)**

**R106.1.6 SINGLE FAMILY AND DUPLEX DEVELOPMENT IMPROVEMENTS AND FINANCIAL GUARANTEES. EACH BUILDING PERMIT APPLICATION FOR A NEW SINGLE FAMILY DWELLING SHALL BE ACCOMPANIED BY A SIGNED DEPOSIT AGREEMENT AND A TOTAL DEPOSIT OF \$2,000.00. (TOWN ORDINANCE NO. 335, SERIES OF 2003)**

**R106.1.7 PUBLIC AND PRIVATE IMPROVEMENTS AND FINANCIAL GUARANTEES. EACH BUILDING PERMIT APPLICATION SUBMITTED FOR DEVELOPMENTS REQUIRING PUBLIC AND PRIVATE IMPROVEMENTS SHALL BE ACCOMPANIED BY A TOWN COUNCIL APPROVED SUBDIVISION OR DEVELOPMENT IMPROVEMENTS AGREEMENT ("AGREEMENT") AND A LETTER OF CREDIT OR CASH DEPOSIT IN THE AMOUNT SPECIFIED IN THE AGREEMENT.**

Section R106.3 is amended by adding two new subsections to read as follows:

**R106.3.1.1 REQUIRED APPROVALS. THE APPLICATION AND DOCUMENTS FOR PERMIT SHALL BE REVIEWED AND APPROVED BY THE DEPARTMENT OF ENGINEERING AND THE DEPARTMENT OF PLANNING AND ZONING FOR COMPLIANCE WITH TOWN ORDINANCES.**

**R106.3.1.2 SURVEY REQUIREMENTS. AN IMPROVEMENT LOCATION CERTIFICATE (ILC) SHALL BE REQUIRED FOR ALL NEW FOUNDATIONS WITHIN THE TOWN OF WINTER PARK. IF A VARIANCE HAS BEEN GRANTED FOR THE PROPERTY THAT ALLOWS FOR CONSTRUCTION OF A FOUNDATION WITHIN THE ESTABLISHED SETBACKS OR IF A FOUNDATION IS LOCATED WITHIN**

**FIVE FEET (5') OF THE PROPERTY LINE, AN IMPROVEMENT SURVEY PLAT (ISP) SHALL BE REQUIRED. THE ILC/ISP SHALL BE SUBMITTED TO THE TOWN OF WINTER PARK FOR REVIEW AND APPROVAL PRIOR TO A ROUGH FRAMING INSPECTION BY THE TOWN.**

Section R106.3.3 is amended to read as follows:

**R106.3.3 Phased approval.** The *building official* **SHALL NOT ISSUE A PERMIT UNTIL THE CONSTRUCTION DOCUMENTS FOR THE WHOLE BUILDING OR STRUCTURE HAVE BEEN SUBMITTED AND APPROVED.** ~~is authorized to issue a permit for the construction of foundations or any other part of a building or structure before the construction documents for the whole building or structure have been submitted, provided that adequate information and detailed statements have been filed complying with pertinent requirement of This Code. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure will be granted.~~

Section R108.2 is amended to read as follows:

**R108.2 Schedule of permit fees.** On buildings, structures, electrical, gas, mechanical and plumbing systems or *alterations* requiring a *permit*, a fee for each *permit* shall be paid as required, in accordance with the schedule as established by the applicable governing authority **TITLE 1, CHAPTER 11 OF THE TOWN CODE OF WINTER PARK. (ORD. 420, SERIES OF 2009).**

Section R108.5 is amended to read as follows:

**R108.5 Refunds.** The *building official* is authorized to establish a refund policy. **THE BUILDING OFFICIAL MAY AUTHORIZE REFUNDING OF NOT MORE THAN 80 PERCENT OF THE PERMIT FEE PAID WHEN NO WORK HAS BEEN DONE UNDER A PERMIT ISSUED IN ACCORDANCE WITH THIS CODE. THE DEPOSIT PAID FOR A PERMIT APPLICATION IS NON-REFUNDABLE. THE BUILDING OFFICIAL SHALL NOT AUTHORIZE REFUNDING OF ANY FEE PAID EXCEPT ON WRITTEN APPLICATION FILED BY THE ORIGINAL PERMITTEE NOT LATER THAN 180 DAYS AFTER THE DATE OF FEE PAYMENT.**

Section R108.6 is amended by adding a new subsection to read as follows:

**R108.6 Work commencing before permit issuance.** Any person who commences work requiring a *permit* on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary *permits* shall be subject to a fee established by the applicable governing authority that shall be in addition to the required *permit* fees. **THE INVESTIGATION FEE SHALL BE AS SET FORTH IN TITLE 1 CHAPTER 11 OF THE TOWN CODE OF WINTER PARK.**

Section 109.1.3 is amended by deleting in its entirety.

~~**R109.1.3 Floodplain inspections.** For construction in areas prone to flooding as established by Table R301.2(1), upon placement of the lowest floor, including *basement*, and prior to further~~

vertical construction, the *building official* shall require submission of documentation, prepared and sealed by a registered *design professional*, of the elevation of the lowest floor, including *basement*, required in Section R322. **THIS SUBSECTION DELETED.**

Section R109 is amended by adding a new subsection to read as follows:

**R109.5 REINSPECTIONS.** A REINSPECTION FEE, AMOUNT PER TITLE 1 CHAPTER 11 TABLE 2B OF THE TOWN CODE, MAY BE ASSESSED FOR EACH INSPECTION OR REINSPECTION WHEN SUCH PORTION OF WORK FOR WHICH INSPECTION IS CALLED IS NOT COMPLETE OR WHEN CORRECTIONS CALLED FOR ARE NOT MADE. REINSPECTION FEES MAY BE ASSESSED WHEN THE INSPECTION RECORD CARD IS NOT POSTED OR OTHERWISE AVAILABLE ON THE WORK SITE, THE APPROVED PLANS ARE NOT READILY AVAILABLE TO THE INSPECTOR, FOR FAILING TO PROVIDE ACCESS ON THE DATE FOR WHICH THE INSPECTION IS REQUESTED, OR DEVIATING FROM THE APPROVED PLANS. IN INSTANCES WHERE REINSPECTION FEES HAVE BEEN ASSESSED, NO ADDITIONAL INSPECTION OF THE WORK WILL BE PERFORMED UNTIL THE REINSPECTION FEES HAVE BEEN RECEIVED BY THE BUILDING DEPARTMENT.

Section R110.1 is amended by adding an additional exception to read as follows:

**R110.1 Use and Occupancy.** No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall be made until the *building official* has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of This Code or of other ordinances of the *jurisdiction*. Certificates presuming to give authority to violate or cancel the provisions of This Code or other ordinances of the *jurisdiction* shall not be valid.

**Exceptions**

1. Certificates of occupancy are not required for work exempt from permits under Section R105.2.
2. Accessory buildings of structures.
3. **Group U Occupancy**

Section R110 is amended by adding a new subsection to read as follows:

**R110.1.1 FINAL INSPECTION.** NO FINAL INSPECTION SHALL BE MADE BY THE TOWN BUILDING INSPECTOR, AND NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNLESS AN AUDIT HAS EITHER BEEN COMPLETED BY THE MANAGER AND ALL SALES TAXES DUE HAVE BEEN PAID OR ARRANGEMENTS THEREFOR MADE WITH THE TOWN MANAGER, OR THE TOWN MANAGER HAS SPECIFICALLY WAIVED SUCH AUDIT. (TOWN ORDINANCE NO. 225, SERIES 1994, SECTION 3-2-18 (B3))

Section R112.1 is amended to read as follows:

**R112.1 General.** In order 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 This Code, there shall be and is hereby created a board of appeals. **THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS ESTABLISHED PURSUANT TO 6-1-2, 113 OF THE TOWN CODE OF WINTER PARK.** The *building official* **OR 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 of appeals shall be appointed by the governing body and shall hold office at its pleasure. 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 *building official* **OR FIRE CODE OFFICIAL**.

**A NOTICE OF APPEAL SHALL BE ACCOMPANIED BY A FEE OF \$250.00.**

Section R112.2.1 is amended by deleting in its entirety.

~~**R112.2.1 Determination of substantial improvement in areas prone to flooding.** When the *building official* provides a finding required in Section R105.3.1.1, the board of appeals shall determine whether the value of the proposed work constitutes a substantial improvement. A substantial improvement means any repair, reconstruction, rehabilitation, *addition*, or improvement of a building or structure, the cost of which equals or exceeds 50 percent of the market value of the building or structure before the improvement or repair is started. If the building or structure has sustained substantial damage, all repairs are considered substantial improvement regardless of the actual repair work performed.~~

The term does not include:

- ~~1 — Improvements of a building or structure required to correct existing health, sanitary or safety code violations identified by the *building official* and which are the minimum necessary to assure safe living conditions.~~
- ~~2 — Any alteration of an historic building or structure provided that the alteration will not preclude the continued designation as an historic building or structure. **THIS SUBSECTION DELETED.**~~

Section R112.2.2 is amended by deleting in its entirety.

~~**R112.2.2 Criteria for issuance of a variance for areas prone to flooding.** A variance shall be issued only upon:~~

- ~~1 — A showing of good and sufficient cause that the unique characteristics of the size, configuration or topography of the site render the elevation standards in Section R322 inappropriate.~~
- ~~2 — A determination that failure to grant the variance would result in exceptional hardship by rendering the *lot* undevelopable.~~
- ~~3 — A determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances.~~

- 4 ~~— A determination that the variance is the minimum necessary to afford relief, considering the flood hazard.~~
- 5 ~~— Submission to the applicant of written notice specifying the difference between the design flood elevation and the elevation to which the building is to be built, stating that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced elevation, and stating that construction below the design flood elevation increases risks to life and property. THIS SUBSECTION DELETED.~~

Section R202 is amended by adding the following definitions within the alphabetical order of the existing definitions:

**ACCESSORY DWELLING UNIT. AN ATTACHED OR DETACHED DWELLING UNIT SUBORDINATE TO THE PRIMARY UNIT WHICH MAY INCLUDE A CARETAKER UNIT OR AN AFFORDABLE HOUSING UNIT. AN ACCESSORY DWELLING UNIT SHALL NOT BE SUBDIVIDED AND/OR SUBSEQUENTLY SOLD AS FEE SIMPLE OWNERSHIP. IT SHALL REMAIN AS PART OF THE PROPERTY WHERE THE PRIMARY UNIT IS LOCATED.**

**AGRICULTURAL BUILDING. A STRUCTURE LOCATED ON REAL PROPERTY CLASSIFIED AS AGRICULTURE BY THE GRAND COUNTY ASSESSOR THAT IS DESIGNED, CONSTRUCTED AND USED TO HOUSE FARM IMPLEMENTS, HAY, GRAIN, POULTRY, LIVESTOCK OR OTHER HORTICULTURAL PRODUCTS. THIS STRUCTURE SHALL NOT BE A PLACE OF HUMAN HABITATION OR A PLACE OF EMPLOYMENT WHERE AGRICULTURAL PRODUCTS ARE PROCESSED, TREATED OR PACKAGED, NOR SHALL IT BE A PLACE USED BY THE PUBLIC.**

**BEDROOM. A ROOM WHICH IS DESIGNED AS A SLEEPING ROOM, A LOFT, A MEZZANINE IN GROUP R OCCUPANCIES OR A ROOM OR AREA THAT CAN BE USED AS A SLEEPING ROOM AND CONTAINS A CLOSET.**

**FACTORY BUILT BUILDING. A BUILDING WHICH IS ASSEMBLED IN A FACILITY THAT HAS BEEN APPROVED BY THE STATE OF COLORADO, BUILT TO THE BUILDING, PLUMBING AND MECHANICAL CODES AS ADOPTED BY THE COLORADO DIVISION OF HOUSING, WITH THE WORK PERFORMED AT THE FACILITY INSPECTED BY AND BEARING THE COLORADO DIVISION OF HOUSING IDENTIFICATION LABEL.**

**FIRE DEPARTMENT. THE CHIEF OFFICER OF EAST GRAND, GRANBY, GRAND FIRE PROTECTION DISTRICT, GRAND LAKE, HOT SULPHUR SPRINGS, AND KREMMLING FIRE PROTECTION DISTRICTS, OR THE CHIEF OFFICER'S AUTHORIZED REPRESENTATIVE.**

~~HEIGHT, BUILDING. The vertical distance from *grade plane* to the average height of the highest roof surface.~~ **BUILDING HEIGHT. THE VERTICAL DISTANCE ABOVE A REFERENCE DATUM MEASURED TO THE HIGHEST POINT OF A FLAT ROOF OR DECK LINE OF A MANSARD ROOF OR THE MIDPOINT OF THE HIGHEST GABLE OF A PITCHED OR HIPPED ROOF. THE REFERENCE DATUM SHALL BE SELECTED BY THE FOLLOWING, WHICHEVER YIELDS A GREATER HEIGHT OF A BUILDING:**

- 1 THE POINT OF THE LOWEST PRECONSTRUCTION ELEVATION ON ANY BUILDING FACE.
- 2 THE POINT OF THE LOWEST ELEVATION OF ANY BUILDING FACE.
- 3 THE ELEVATION OF THE LOWEST POINT OF ANY EXPOSED FOUNDATION OR WALL.
4. IF A SITE IS DISTURBED AFTER THE ADOPTION OF THIS SECTION, THE OWNER OF THE PROPERTY WILL HAVE THE BURDEN OF PROVIDING PRECONSTRUCTION ELEVATION.

**THE HEIGHT OF A STEPPED OR TERRACED BUILDING IS THE MAXIMUM HEIGHT OF ANY SEGMENT OF THE BUILDING USING BUILDING HEIGHT.**

**KITCHEN.** Kitchen shall mean an area used, or designated to be used, for the preparation of food. **A ROOM OR AREA THAT IS DESIGNATED TO BE USED FOR THE PREPARATION OF FOOD WHICH CONTAINS MORE THAN ONE STANDARD SIZE KITCHEN APPLIANCE OR FIXTURE.**

**MANUFACTURED HOME.** is repealed in its entirety and reenacted to read as follows:

**MANUFACTURED HOME . A SINGLE FAMILY DWELLING WHICH IS PARTIALLY OR ENTIRELY ASSEMBLED IN A FACTORY, IS NOT LESS THAN TWENTY-FOUR FEET IN WIDTH AND THIRTY-SIX FEET IN LENGTH, IS INSTALLED ON AN ENGINEERED, PERMANENT FOUNDATION, HAS A BRICK, WOOD OR COSMETICALLY EQUIVALENT EXTERIOR AND A PITCHED ROOF, IS CERTIFIED PURSUANT TO THE "NATIONAL MANUFACTURED HOUSING CONSTRUCTION AND SAFETY STANDARDS ACT OF 1974", 42 U.S.C. 5401 ET ESQ., AS AMENDED, AND BEARING THE H.U.D. IDENTIFICATION LABEL. INSTALLED AND SET UP AS REQUIRED IN THE SET UP MANUAL SUPPLIED WITH THE MANUFACTURED HOME.**

Table R301.2 (1) is amended to read as follows:

**Table R301.2 (1)**

**Roof Snow Load**

**9,000 FEET ABOVE SEA LEVEL IS 98 POUNDS PER SQUARE FOOT  
 9,250 FEET ABOVE SEA LEVEL IS 105 POUNDS PER SQUARE FOOT  
 9,500 FEET ABOVE SEA LEVEL IS 113 POUNDS PER SQUARE FOOT  
 9,750 FEET ABOVE SEA LEVEL IS 120 POUNDS PER SQUARE FOOT  
 10,000 FEET ABOVE SEA LEVEL IS 128 POUNDS PER SQUARE FOOT  
 10,250 FEET ABOVE SEA LEVEL IS 136 POUNDS PER SQUARE FOOT  
 10,500 FEET ABOVE SEA LEVEL IS 145 POUNDS PER SQUARE FOOT  
 10,750 FEET ABOVE SEA LEVEL IS 154 POUNDS PER SQUARE FOOT**

**WIND IS NINETY (90) MILES PER HOUR**

**SEISMIC DESIGN CATEGORY IS "B"**

**WEATHERING PROBABILITY FOR CONCRETE IS SEVERE**

**FROST LINE DEPTH IS THIRTY INCHES (30")**

**TERMITE INFESTATION PROBABILITY NONE TO SLIGHT**

**DECAY PROBABILITY IS NONE TO SLIGHT**

**WINTER DESIGN TEMPERATURE IS -16 DEGREES FAHRENHEIT  
FLOOD HAZARDS, SEE FLOOD INSURANCE REFERENCE MAP**

Table R301.5 is amended to read as follows:

**Table R301.5**

Balconies (exterior) and decks <sup>e</sup>	<b>40 60</b>
Sleeping rooms	<b>30 40</b>

**FOOT NOTE E. UNCOVERED DECKS AND BALCONIES SHALL BE DESIGNED TO A UNIFORMLY DISTRIBUTED LIVE LOAD OF 60 LBS. PER SQUARE FOOT OR THE DESIGN SNOW LOAD WHICHEVER IS GREATER.**

Section R302.3 is amended to read as follows:

**R302.3 Two-family dwellings.** *Dwelling units* in two-family dwellings shall be separated from each other by wall and/or floor assemblies having not less than a ~~1-hour~~ **2-HOUR** fire-resistance rating when tested in accordance with ASTM E 119 or UL 263. Fire-resistance-rated floor-ceiling and wall assemblies shall extend to and be tight against the *exterior wall*, and wall assemblies shall extend from the foundation to the underside of the roof sheathing.

**Exceptions:**

1. ~~A fire-resistance rating of ½ hour shall be permitted in buildings equipped throughout with an automatic sprinkler system in accordance with NFPA 13.~~
2. 1. Wall assemblies need not extend through *attic* spaces when the ceiling is protected by not less than 5/8-inch (15.9 mm) Type X gypsum board and an *attic* draft stop constructed as specified in Section R302.12.1 is provided above and along the wall assembly separating the *dwellings*. The structural framing supporting the ceiling shall also be protected by not less than ½-inch (12.7 mm) gypsum board or equivalent.

Section R305.1 is amended to read as follows:

**R305.1 Minimum height.** *Habitable space*, hallways, bathrooms, toilet rooms, laundry rooms and ~~portions of UNFINISHED basements containing these spaces~~ shall have a ceiling height of not less than 7 feet (2134). **THE REQUIRED HEIGHT SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE LOWEST PROJECTION FROM THE CEILING.**

**Exceptions:**

- 1 For rooms with sloped ceilings, at least 50 percent of the required floor area of the room must have a ceiling height of at least 7 feet (2134 mm) and no portion of the required floor area may have a ceiling height of less than 5 feet (1524 mm).
- 2 Bathrooms shall have a minimum ceiling height of 6 feet 8 inches (2032 mm) at the center of the front clearance area for fixtures as shown in Figure R307.1. The ceiling height above fixtures shall be such that the fixture is capable of being used for its intended purpose. A shower or tub equipped with a showerhead shall have a minimum

ceiling height of 6 feet 8 inches (2032 mm) above a minimum area 30 inches (762 mm) by 30 inches (762 mm) at the showerhead.

Section R305.1.1 is amended by deleting in its entirety.

~~**R305.1.1 Basements.** Portions of *basements* that do not contain *habitable space*, hallways, bathrooms, toilet rooms and laundry rooms shall have a ceiling height of not less than 6 feet 8 inches (2032 mm).~~

~~**Exception:** Beams, girders, ducts or other obstructions may project to within 6 feet 4 inches (1931 mm) of the finished floor. **THIS SUBSECTION DELETED.**~~

Section R306 is amended by adding a new subsection to read as follows:

**R306.5 Sanitation at construction sites. TOILET FACILITIES SHALL BE PROVIDED FOR CONSTRUCTION WORKERS AND SUCH FACILITIES SHALL BE CONVENIENTLY LOCATED AND MAINTAINED IN A SANITARY CONDITION. THE FACILITIES SHALL BE AVAILABLE FROM THE TIME THE FIRST WORK IS STARTED UNTIL THE LETTER OF OCCUPANCY OR CERTIFICATE OF OCCUPANCY IS ISSUED.**

Section R309.3 is amended by deleting in its entirety.

~~**R309.3 Flood hazard areas.** For buildings located in flood hazard areas as established by Table 301.2(1), garage floors shall be:~~

- ~~1 — Elevated to or above the design flood elevation as determined in Section R322; or~~
- ~~2 — Located below the design flood elevation provided they are at or above *grade* on at least one side, are used solely for parking, building access, or storage, meet the requirements of Section R322 and are otherwise constructed in accordance with This Code. **THIS SUBSECTION DELETED.**~~

Section R310.1 is amended to read as follows:

**R310.1 Emergency escape and rescue required.** *Basements*, habitable attics and every sleeping room, **LOFT, MEZZANINE IN GROUP R OCCUPANCIES, OR A ROOM OR AREA THAT CAN BE USED AS A SLEEPING ROOM AND CONTAINS A CLOSET** shall have at least one operable emergency escape and rescue opening. Where *basements* contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room. Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches (1118 mm) above the floor. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a

window well in accordance with Section R310.2. Emergency escape and rescue openings shall open directly into a public way, or to a *yard* or court that opens to a public way.

Section R311.7.4.3 is amended to read as follows:

**R311.7.4.3 Profile.** The radius of curvature at the nosing shall be no greater than 9/16 inch (14 mm). A nosing not less than 3/4 inch (19 mm) but not more than 1 1/4 inches (32 mm) shall be provided on stairways with solid risers. The greatest nosing projection shall not exceed the smallest nosing projection by more than 3/8 inch (9.5 mm) between two stories, including the nosing at the level of floors and landings. Beveling of nosing shall not exceed 1/2 inch (12.7 mm). Risers shall be vertical or sloped under the tread above from the underside of the nosing above at an angle not more than 30 degrees (0.51 rad) from the vertical. Open risers are permitted, provided that the opening between treads does not permit the passage of a 4 inch (102 mm) diameter sphere.

**Exceptions:**

1. A nosing is not required where the tread depth is a minimum of 11 inches (279 mm).
2. The opening between adjacent treads is not limited on stairs with a total rise of 30 inches (762 mm) or less.

Section R313.2 is amended by deleting in its entirety:

~~**R313.2 One and two family dwellings automatic fire systems.** Effective January 1, 2011, an automatic residential fire sprinkler system shall be installed in one and two family dwellings.~~

~~**Exception:** An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential fire sprinkler system. THIS SUBSECTION DELETED.~~

Section R313.2.1 is amended by deleting in its entirety:

~~**R313.2.1 Design and installation.** Automatic residential fire sprinkler systems shall be designed and installed in accordance with Section P2904 or NFPA-13D. THIS SUBSECTION DELETED.~~

Section R322 is amended by deleting in its entirety.

~~**Section R322 FLOOD-RESISTANT CONSTRUCTION.** THIS SECTION DELETED.~~

Section R403.1 is amended to read as follows:

**R403.1 General.** All exterior walls shall be supported on continuous solid or fully grouted masonry or concrete footings, crushed stone footings, wood foundations, or other *approved* structural systems which shall be of sufficient design to accommodate all loads according to Section R301 and to transmit the resulting loads to the soil within the limitations as determined from the character of the soil. Footings shall be supported on undisturbed natural soils or engineered fill. Concrete footing shall be designed and constructed in accordance with the provisions of Section R403 or in accordance with ACI 332. **EXCEPT WHERE ERECTED ON SOLID**

ROCK OR OTHERWISE PROTECTED FROM FROST, FOUNDATION WALLS, PIERS AND OTHER PERMANENT SUPPORTS OF BUILDINGS AND STRUCTURES LARGER THAN 120 SQUARE FEET IN AREA OR 10 FEET IN HEIGHT SHALL EXTEND TO AT LEAST 30 INCHES BELOW FINISHED GRADE, AND SPREAD FOOTINGS OF 8 INCHES THICK X 16 INCHES WIDE MINIMUM SIZE SHALL BE PROVIDED TO PROPERLY DISTRIBUTE THE LOAD WITHIN THE ALLOWABLE LOAD-BEARING VALUE OF THE SOIL.

ALTERNATIVELY, SUCH STRUCTURES SHALL BE SUPPORTED ON PILES WHERE SOLID EARTH OR ROCK IS NOT AVAILABLE. FOOTINGS SHALL NOT BEAR ON FROZEN SOILS. CONCRETE FOOTINGS SHALL INCLUDE A MINIMUM OF TWO #4 REINFORCEMENT BARS TO BE TIED CONTINUOUSLY AND SPACED A MINIMUM OF TWO INCHES FROM THE GROUND AND EQUALLY WITHIN THE FOOTING. FOOTINGS SHALL BE SO DESIGNED THAT THE ALLOWABLE BEARING CAPACITY OF THE SOIL IS NOT EXCEEDED, AND THAT DIFFERENTIAL SETTLEMENT IS MINIMIZED. THE MINIMUM WIDTH OF FOOTINGS SHALL BE 16 INCHES.

**EXCEPTION: UNLESS DESIGNED AND STAMPED BY AN ENGINEER.**

Section R403.1.1 is amended to read as follows:

**R403.1.1 Minimum size.** ~~Minimum sizes for concrete and masonry footings shall be as set forth in Table R403.1 and Figure R403.1(1). The footing width, W, shall be based on the load-bearing value of the soil in accordance with Table R401.4.1. Spread footings shall be at least 6 8 inches (152 mm) in thickness. T. Footing projections, P, shall be at least 2 inches (51 mm) and shall not exceed the thickness of the footing. The size of footings supporting piers and columns shall be based on the tributary load and allowable soil pressure in accordance with Table R401.4.1. Footings for wood foundations shall be in accordance with the details set forth in Section R403.2, and Figures R403.1(2) and R403.1(3).~~

Section R408.7 is amended by deleting in its entirety.

~~**R408.7 Flood resistance.** For buildings located in areas prone to flooding as established in Table R301.2(1):~~

- ~~1 The walls enclosing the under floor space shall be provided with flood openings in accordance with Section R322.2.2.~~
- ~~2 The finished ground level of the under floor space shall be equal to or higher than the outside finished ground level on at least one side.~~

~~**Exception:** Under floor spaces that meet the requirements of FEMA/FIA TB 11-1. **THIS SUBSECTION DELETED.**~~

Section R502.11 is amended to read as follows:

**R502.11.1 Design.** Wood trusses shall be designed in accordance with *approved* engineering practice. The design and manufacture of metal plate connected wood trusses shall comply with ANSI/TPI 1. The design drawings shall be prepared by a registered professional where required by the statutes of the *jurisdiction* in which the project is to be constructed in accordance with

Section R106.1. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL BE PROHIBITED.**

Section R602 is amended by adding two new exceptions to read as follows:

**R602.2 Grade.** Studs shall be a minimum No. 3, standard or stud grade lumber.

**Exception:**

- 1 Bearing studs not supporting floors and nonbearing studs may be utility grade lumber, provided the studs are spaced in accordance with Table R602.3(5).
- 2 **IN SINGLE FAMILY DWELLINGS OF LOG CONSTRUCTION, WALL LOGS NEED NOT BE GRADED.**
- 3 **IN SINGLE FAMILY DWELLINGS OF LOG CONSTRUCTION, ALL STRUCTURAL LOGS MAY BE DESIGNED BY A LICENSED COLORADO ARCHITECT OR ENGINEER AND INSPECTED BY THAT ARCHITECT OR ENGINEER AFTER THE COMPLETION OF THE FRAMING WITH THE ARCHITECT OR ENGINEER CERTIFYING TO THE BUILDING DEPARTMENT THAT THE LOGS ARE OF THE SIZE, QUALITY AND SPECIES OF THE DESIGN AND THAT THEY WERE INSTALLED TO THAT DESIGN. WALL LOGS NEED NOT BE PART OF THE STRUCTURAL DESIGN.**

Section R602.3 is amended to read as follows:

**R602.3 Design and construction.** Exterior walls of wood-frame construction shall be designed and constructed in accordance with the provisions of this chapter and Figures R602.3(1) and R602.3(2) or in accordance with AF&PA's NDS. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD SHALL BE PROHIBITED.** Components of exterior walls shall be fastened in accordance with Tables R602.3(1) through R602.3(4). Structural wall sheathing shall be fastened directly to structural framing members. Exterior wall coverings shall be capable of resisting the wind pressures listed in Table R301.2(2) adjusted for height and exposure using table R301.2(3). Wood structural panel sheathing used for exterior walls shall conform to the requirements of Table R602.3(3).

Studs shall be continuous from support at the sole plate to a support at the top plate to resist loads perpendicular to the wall. The support shall be a foundation of floor, ceiling or roof diaphragm or shall be designed in accordance with accepted engineering practice.

**Exception:** Jack studs, trimmer studs and cripple studs at openings in wall that comply with Table R502.5(1) and R502.5(2).

Section R612.2 is deleted in its entirety

~~**R612.2 Window Sills.**~~ **THIS SUBSECTION DELETED.**

Section R802.2 is amended to read as follows:

**R802.2 Design and construction.** The framing details required in Section R802 apply to roofs having a minimum slope of three units vertical in 12 units horizontal (25-percent slope) or greater. Roof-ceilings shall be designed and constructed in accordance with the provisions of this chapter and Figures R606.11 (1), R606.11 (2) and R606.11 (3) or in accordance with AFPA/NDS. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD SHALL BE PROHIBITED.** Components of roof-ceilings shall be fastened in accordance with Table R602.3 (1).

Section R802.10 is amended to read as follows:

**R802.10.2 Design.** Wood trusses shall be designed in accordance with accepted engineering practice. The design and manufacture of metal-plate-connected wood trusses shall comply with ANSI/TPI 1. The truss design drawings shall be prepared by a registered professional where required by the statutes of the jurisdiction in which the project is to be constructed in accordance with Section R106.1. **THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL BE PROHIBITED.**

Section R803.2 is amended by adding a new subsection to read as follows:

**R803.2.1.3 Wood structural panel sheathing thickness.** A MINIMUM OF 5/8 INCH PLYWOOD, PARTICLE BOARD OR WAFERWOOD SHALL BE USED ON ROOF RAFTERS OR ROOF TRUSSES SPACED 24 INCHES ON CENTER IN ANY SNOW LOAD AREA.

**WOOD STRUCTURAL PANEL ROOF SHEATHING SHALL BE BONDED BY EXTERIOR GLUE.**

Section R903 is amended by adding a new subsection to read as follows:

**R903.6 FALL PROTECTION.** PERMANENT FALL PROTECTION ANCHORS SHALL BE INSTALLED ON ALL NEW CONSTRUCTION. ROOF ANCHORS OR SIMILAR DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS' INSTALLATION INSTRUCTIONS.

Section R905 is amended by adding a new subsection to read as follows:

**905.1.1 Ice barrier.** AN ICE BARRIER THAT CONSISTS OF AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET SHALL BE USED IN LIEU OF NORMAL UNDERLAYMENT ON ALL SLOPED ROOFS. THIS ICE DAM PROTECTION UNDERLAYMENT SHALL BE INSTALLED FROM THE EAVES TO A POINT 6 FEET INSIDE THE EXTERIOR WALL LINE OF THE BUILDING AND 24 INCHES FROM THE CENTER LINE OF ALL VALLEYS, FULLY ADHERED TO THE SUBSTRATE ON ALL HABITABLE STRUCTURES.

**Exception: DETACHED ACCESSORY STRUCTURES THAT CONTAIN NO CONDITIONED FLOOR AREA.**

**R905.1.2 Snow-shed barriers. ROOFS SHALL BE DESIGNED TO PREVENT ACCUMULATIONS OF SNOW FROM SHEDDING ABOVE OR IN FRONT OF GAS UTILITY OR ELECTRIC UTILITY METERS.**

Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1, R905.8.3.1 are deleted in their entirety.

~~**Ice barrier.** In areas where there has been a history of ice forming along the eaves causing a backup of water as designated in Table R301.2 (1), an ice barrier that consists of a least two layers of underlayment cemented together or of a self-adhering polymer modified bitumen sheet, shall be used in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24 inches (610 mm) inside the exterior wall line of the building.~~

~~**Exception:** Detached accessory structures that contain no conditioned floor area.~~

Section R905.2.8.3 is amended by adding an exception to read as follows:

**R905.2.8.3 Sidewall flashing.** Flashing against a vertical sidewall shall be by the step-flashing method. The flashing shall be a minimum of 4 inches (102 mm) high and 4 inches (102 mm) wide. At the end of the vertical sidewall the step flashing shall be turned out in a manner that directs water away from the wall and onto the roof and/or gutter.

**EXCEPTIONS**

**1. SOLID FLASHING APPROVED BY THE BUILDING OFFICIAL**

Section R905.4 is amended by adding a new subsection to read as follows:

**R905.4.7 MECHANICAL BARRIERS. MECHANICAL BARRIERS INSTALLED TO PREVENT SNOW SHEDDING FROM THE ROOF SHALL BE SECURED TO ROOF FRAMING MEMBERS OR TO SOLID BLOCKING SECURED TO FRAMING MEMBERS IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.**

**INDIVIDUAL DEVICES INSTALLED IN A GROUP OF DEVICES TO CREATE A BARRIER TO PREVENT SNOW SHEDDING SHALL BE INSTALLED IN AT LEAST TWO ROWS WITH THE FIRST ROW NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE. THE ROWS SHALL BE PARALLEL WITH THE EXTERIOR WALL LINE AND THE DEVICES IN EACH ROW SHALL BE STAGGERED FOR A SPACING OF NO MORE THAN 24 INCHES ON CENTER MEASURED PARALLEL WITH THE EXTERIOR WALL LINE.**

**CONTINUOUS SNOW BARRIERS SHALL BE SECURED TO ROOF FRAMING AT NO MORE THAN 48 INCHES ON CENTER. CONTINUOUS BARRIERS SHALL BE INSTALLED PARALLEL WITH THE**

**EXTERIOR WALL LINE AND NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE.**

Section R905.10 is amended by adding a new subsection to read as follows:

**R905.10.5.1 Mechanical barriers for metal roof shingles and metal roof panels. ROOFS WITH METAL ROOF SHINGLES OR METAL ROOF PANELS SHALL BE DESIGNED SO AS TO PREVENT ACCUMULATIONS OF SNOW FROM SHEDDING ONTO PEDESTRIAN AND VEHICULAR EXITS FROM BUILDINGS AND ON TO SIDEWALKS, STREETS AND ALLEY WAYS.**

**MECHANICAL BARRIERS INSTALLED TO PREVENT SNOW SHEDDING FROM THE ROOF SHALL BE SECURED TO ROOF FRAMING MEMBERS OR TO SOLID BLOCKING SECURED TO FRAMING MEMBERS IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.**

**INDIVIDUAL DEVICES INSTALLED IN A GROUP OF DEVICES TO CREATE A BARRIER TO PREVENT SNOW SHEDDING SHALL BE INSTALLED IN AT LEAST TWO ROWS WITH THE FIRST ROW NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE. THE ROWS SHALL BE PARALLEL WITH THE EXTERIOR WALL LINE AND THE DEVICES IN EACH ROW SHALL BE STAGGERED FOR A SPACING OF NO MORE THAN 24 INCHES ON CENTER MEASURED PARALLEL WITH THE EXTERIOR WALL LINE.**

**CONTINUOUS SNOW BARRIERS SHALL BE SECURED TO ROOF FRAMING AT NO MORE THAN 48 INCHES ON CENTER. CONTINUOUS BARRIERS SHALL BE INSTALLED PARALLEL WITH THE EXTERIOR WALL LINE AND NO MORE THAN 24 INCHES FROM THE EDGE OF THE ROOF OR EAVE.**

Section R907.3 is amended to read as follows:

**R907.3 Recovering versus replacement.** New roof coverings shall not be installed without first removing all existing layers of roof coverings where any of the following conditions exist:

1. Where the existing roof or roof covering is water-soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
2. Where the existing roof covering is wood shake, slate, clay, cement or asbestos-cement tile.
3. Where the existing roof has ~~two or~~ **MORE THAN ONE** applications of any type of roof covering.
4. For asphalt shingles, when the building is located in an area subject to moderate or severe hail damage according to Figure R903.5.

Section R1001 is amended by adding a new subsection to read as follows:

**R1001.1.1 LIMITATION ON THE NUMBER: THE NUMBER OF APPROVED SOLID FUEL BURNING APPLIANCES OR DEVICES WHICH MAY BE INSTALLED SHALL NOT EXCEED THE FOLLOWING LIMITS:**

- 1. DETACHED SINGLE-FAMILY DWELLING: ONE APPROVED SOLID FUEL BURNING APPLIANCE OR DEVICE PER DWELLING.**
- 2. BUILDING WITH TWO DWELLING UNITS: ONE APPROVED SOLID FUEL BURNING APPLIANCE OR DEVICE PER DWELLING UNIT PROVIDED THE DWELLING UNIT IS GREATER THAN ONE THOUSAND FIVE HUNDRED (1,500) SQUARE FEET IN TOTAL LIVING AREA.**
- 3. APARTMENTS, CONDOMINIUMS, COMMERCIAL, AND INDUSTRIAL BUILDINGS: APARTMENTS, CONDOMINIUMS, COMMERCIAL, AND INDUSTRIAL BUILDINGS SHALL BE ALLOWED TO INSTALL ONE APPROVED SOLID FUEL BURNING APPLIANCE OR DEVICE IN A LOBBY OR OTHER COMMON AREA OF THE APARTMENT, CONDOMINIUM, OR HOTEL. ONLY AN APPROVED NONSOLID FUEL BURNING APPLIANCE MAY BE INSTALLED WITHIN ANY APARTMENT, CONDOMINIUM OR HOTEL/MOTEL ROOM.**

Section R1004.4 is amended by deleting in its entirety.

~~**R1004.4 Unvented gas log heaters.**—An unvented gas log heater shall not be installed in a factory-built fireplace unless the fireplace system has been specifically tested, *listed and labeled* for such use in accordance with UL 127.~~ **INSTALLATION OF UNVENTED GAS LOG HEATERS IS PROHIBITED.**

Section R1005 is amended by adding a new subsection to read as follows:

**R1005.7 Factory built chimney enclosures. FACTORY-BUILT CHIMNEYS SHALL BE ENCLOSED WITHIN A CONTINUOUS ENCLOSURE PROTECTED ON THE INTERIOR (CHIMNEY) SIDE BY NOT LESS THAN 5/8 INCH TYPE-X GYPSUM WALLBOARD. JOINTS AND FASTENERS SHALL BE TAPED AND FINISHED.**

**EXCEPTION: THE PORTION OF THE CHIMNEY LOCATED IN THE SAME ROOM AS THE APPLIANCE AND THE PORTION OF THE CHIMNEY ABOVE THE FINISHED ROOF IS NOT REQUIRED TO BE ENCLOSED.**

**FACTORY-BUILT CHIMNEYS SHALL BE EFFECTIVELY FIREBLOCKED WITHIN SUCH ENCLOSURE AT EACH FLOOR-CEILING LEVEL AND AT THE ROOF. THE VERTICAL DISTANCE BETWEEN ADJACENT FIREBLOCKING SHALL NOT EXCEED 10 FEET.**

Section N1101.2 is amended to read as follows:

**N1101.2 Compliance.** Compliance shall be demonstrated by either meeting the requirements of the **2006 International Energy Conservation Code** or meeting the requirements of this chapter. Climate zones from Figure N1101.2 or Table N1101.2 shall be used in determining the applicable requirements from this chapter.

Section M1414 is amended by adding a new subsection to read as follows:

**M1414.1.1 Fireplace stoves.** DETACHED ONE-AND TWO-FAMILY DWELLINGS MAY HAVE NO MORE THAN ONE SOLID FUEL BURNING DEVICE PER PROPERTY. CONDOMINIUMS AND APARTMENT HOUSES MAY HAVE ONE SOLID FUEL BURNING DEVICE LOCATED IN A LOBBY OR OTHER MAIN COMMON AREA. FACTORY-BUILT FIREPLACES AND STOVES SHALL MEET E.P.A. PHASE II OR COLORADO PHASE III AIR QUALITY REQUIREMENTS.

Section M1415 is amended by adding a new subsection to read as follows:

**M1415.1.1 Fireplace stoves.** DETACHED ONE-AND TWO-FAMILY DWELLINGS MAY HAVE NO MORE THAN ONE SOLID FUEL BURNING DEVICE PER PROPERTY. CONDOMINIUMS AND APARTMENT HOUSES MAY HAVE ONE SOLID FUEL BURNING DEVICE LOCATED IN A LOBBY OR OTHER MAIN COMMON AREA. FACTORY-BUILT FIREPLACES AND STOVES SHALL MEET E.P.A. PHASE II OR COLORADO PHASE III AIR QUALITY REQUIREMENTS.

Section G2404.7 is amended by deleting in its entirety.

~~**G2404.7 (301.11) Flood hazard.** For structures located in *flood hazard* areas, the *appliance, equipment* and system installations regulated by This Code shall be located at or above the *design flood elevation* and shall comply with the flood-resistant requirements of Section R322.~~  
**THIS SUBSECTION DELETED.**

Section G2406.2 is amended to read as follows:

**G2406.2 (303.3) Prohibited locations.** *Appliances* shall not be located in sleeping rooms, bathrooms, toilet rooms, storage closets or surgical rooms, or in a space that opens only into such rooms or spaces, except where the installation complies with one of the following:

1. The *appliance* is a direct-vent *appliance* installed in accordance with the conditions of the listing and the manufacturer's instructions.
2. *Vented room heaters, wall furnaces, vented decorative appliances, vented gas fireplaces, vented gas fireplace heaters and decorative appliances* for installation in vented solid fuel-burning *fireplaces* are installed in rooms that meet the required volume criteria of Section G2407.5

3. ~~A single listed wall mounted unvented room heater is installed in a bathroom and such unvented room heater is equipped as specified in Section G2445.6 and has an input rating not greater than 6,000 BTU/h (1.76kW). The bathroom shall meet the required volume criteria of Section G2407.5.~~
4. ~~A single listed wall mounted unvented room heater is installed in a bedroom and such unvented room heater is equipped as specified in Section G2445.6 and has an input rating not greater than 10,000 Btu/h (2.93 kW). The bedroom shall meet the required volume criteria of Section G2407.5.~~
5. The *appliance* is installed in a room or space that opens only into a bedroom or bathroom, and such room or space is used for no other purpose and is provided with a solid weather-stripped door equipped with an *approved* self-closing device. All *combustion air* shall be taken directly from the outdoors in accordance with Section G2407.6.

Section G2417.4.1 is amended to read as follows:

**G2417.4.1 (406.4.1) Test pressure.** The test pressure to be used shall not be less than one and one-half times the proposed maximum working pressure, but not less than ~~3~~ **10** psig (20 kPa gauge), irrespective of design pressure. Where the test pressure exceeds 125 psi (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the *pipng* greater than 50 percent of the specified minimum yield strength of the *pipe*.

Section G2425.8 is amended to read as follows:

**G2425.8 (501.8) Appliance not required to be vented.** The following *appliances* shall not be required to be vented:

1. Ranges
2. Built-in domestic cooking units listed and marked for optional venting.
3. Hot plates and laundry stoves.
4. *Type 1 clothes dryers* (*Type 1 clothes dryers* shall be exhausted in accordance with the requirements of Section G2439)
5. Refrigerators
6. Counter appliances
7. ~~Room heaters listed for unvented use.~~

~~Where the *appliances* listed in Items 5 through 7 6 above are installed so that the aggregate input rating exceeds 20 Btu per hour per cubic foot (207 W/m<sup>3</sup>) of volume of the room or space in which such *appliances* are installed, one or more shall be provided with venting systems or other *approved* means for conveying the *vent gases* to the outdoor atmosphere so that the aggregate input rating of the remaining *unvented appliances* does not exceed the 20 Btu per hour per cubic foot (207 W/m<sup>3</sup>). Where the room or space in which the *appliance* is installed is directly connected to another room or space by a doorway, archway or other opening of~~

comparable size that cannot be closed, the volume of such adjacent room or space shall be permitted to be included in the calculations.

Section G2433 (603) is amended by deleting in its entirety.

**G2433.1 (603.1) General.** ~~Log lighters shall be tested in accordance with CSA 8 and shall be installed in accordance with the manufacturer's installation instructions.~~ **INSTALLATION OF LOG LIGHTERS IS PROHIBITED.**

Section G2445 is amended by deleting in its entirety.

**G2445.1 (621.1) General. PROHIBITED INSTALLATION. INSTALLATION OF UNVENTED ROOM HEATERS IS PROHIBITED.** ~~Unvented room heaters shall be tested in accordance with ANSI Z21.11.2 and shall be installed in accordance with the conditions of the listing and the manufacturer's installation instructions.~~

**G2445.2 (621.1) Prohibited use.** ~~One or more unvented room heaters shall not be used as the sole source of comfort heating in a dwelling unit.~~

**G2445.3 (621.3) Input rating.** ~~Unvented room heaters shall not have an input rating in excess of 40,000 Btu/h (11.7 kW).~~

**G2445.4 (621.4) Prohibited locations.** ~~The location of unvented room heaters shall comply with Section G2406.2~~

**G2445.5 (621.5) Room or space volume.** ~~The aggregate input rating of all unvented appliances installed in a room or space shall not exceed 20 Btu/h per cubic foot (0.21 kW/m<sup>3</sup>) of volume of such room or space. Where the room or space in which the appliance is installed is directly connected to another room or space by a doorway, archway or other opening of comparable size that cannot be closed, the volume of such adjacent room or space shall be permitted to be included in the calculations.~~

**G2445.6 (621.6) Oxygen-depletion safety system.** ~~Unvented room heaters shall be equipped with an oxygen-depletion-sensitive safety shutoff system. The system shall shut off the gas supply to the main and pilot burners when the oxygen in the surrounding atmosphere is depleted to the percent concentration specified by the manufacturer, but not lower than 18 percent. The system shall not incorporate field adjustment means capable of changing the set point at which the system acts to shut off the gas supply to the room heater.~~

Section P2501.1 is amended to read as follows:

**P2501.1 Scope.** The provisions of this chapter shall establish the general administrative requirements applicable to plumbing systems and inspection requirements of This Code. **THE**

**INTENT OF THIS CODE IS TO MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF COLORADO PLUMBING CODE. WHEN TECHNICAL REQUIREMENTS, SPECIFICATIONS, OR STANDARDS IN THE COLORADO PLUMBING CODE CONFLICT WITH THIS CODE, THE MORE RESTRICTIVE SHALL APPLY.**

Section P2603.6.1 is amended to read as follows:

**P2603.6.1 Sewer depth.** ~~Building sewers that connect to private sewage disposal systems shall be a minimum of [NUMBER] inches (mm) below finished grade at the point of septic tank connection.~~ *Building sewers shall be a minimum of [NUMBER] 48 inches (1219.2 mm) below grade.*

Section P2904 is amended by deleting in its entirety.

~~**P2904 Dwelling Unit Fire Sprinkler Systems.**~~ **THIS SECTION DELETED**

Section P3103.1 is amended to read as follows:

**P3103.1 Roof extension.** Open vent pipes that extend through a roof shall be terminated at least 6 inches (152 MM) **12 INCHES** above the roof ~~or 6 inches (152 mm) above the anticipated snow accumulation, whichever is greater,~~ except that where a roof is to be used for any purpose other than weather protection, the vent extension shall be run at least 7 feet (2134 mm) above the roof. **AND WITHIN TWENTY-FOUR INCHES (24") OF THE PEAK OF THE ROOF.**

## **AMENDMENTS TO THE INTERNATIONAL PLUMBING CODE**

**TOWN CODE 6-1-4: Code Amendments:** The following sections of the **International Plumbing Code**, adopted by reference in Town Code Section 6-1-1 hereof, is hereby amended as follows:

Section 101.1 is amended to read as follows:

**101.1 Title.** These regulations shall be known as the *International Plumbing Code of THE TOWN OF WINTER PARK*, hereinafter referred to as This Code.

Section 101.3 is amended to read as follows:

**101.3 Intent.** The purpose of This Code is to provide minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of plumbing equipment and systems. **THE INTENT OF THIS CODE IS TO MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF COLORADO PLUMBING CODE. WHEN TECHNICAL**

**REQUIREMENTS, SPECIFICATIONS OR STANDARDS IN THE COLORADO PLUMBING CODE  
CONFLICT WITH THIS CODE, THE MORE RESTRICTIVE SHALL APPLY.**

Section 103.2 is amended to read as follows:

**103.2 Appointment BUILDING OFFICIAL. SEE 6-1-2, 103.2**

Section 103.3 is amended to read as follows:

**103.3 Deputies. SEE 6-1-2, 103.3.**

Section 103.4 is amended to read as follows:

**103.4 Liability. SEE 6-1-2, 104.8.**

Section 106.5.3 is amended to read as follows:

**106.5.3 Expiration. SEE 6-1-2, 105.5.**

Section 106.6.2 is amended to read as follows:

**106.6.2 Fee schedule.** The fees for plumbing work shall be as indicated in the following schedule ~~schedule~~ **IN ACCORDANCE WITH TITLE 1 CHAPTER 11 OF THE TOWN CODE.**

Section 106.6.3 is amended to read as follows:

**106.6.3 Fee refunds.** The ~~code~~ **BUILDING** 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 ~~[SPECIFY PERCENTAGE]~~ **80** percent of the permit fee paid when no work has been done under a permit issued in accordance with This Code.
3. Not more than ~~[SPECIFY PERCENTAGE]~~ **80** percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The ~~code~~ **BUILDING** official shall not authorize the refunding of any fee paid, except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

Section 106.6 is amended by adding a new subsection to read as follows:

**106.6.4 REINSPECTIONS. A REINSPECTION FEE, AMOUNT PER TITLE 1 CHAPTER 11 TABLE 2B OF THE TOWN CODE, MAY BE ASSESSED FOR EACH INSPECTION OR REINSPECTION WHEN SUCH PORTION OF WORK FOR WHICH INSPECTION IS CALLED IS NOT COMPLETE OR WHEN CORRECTIONS CALLED FOR ARE NOT MADE. REINSPECTION FEES MAY BE ASSESSED WHEN THE INSPECTION RECORD CARD IS NOT POSTED OR OTHERWISE AVAILABLE ON THE WORK**

**SITE, THE APPROVED PLANS ARE NOT READILY AVAILABLE TO THE INSPECTOR, FOR FAILING TO PROVIDE ACCESS ON THE DATE FOR WHICH THE INSPECTION IS REQUESTED, OR DEVIATING FROM THE APPROVED PLANS. IN INSTANCES WHERE REINSPECTION FEES HAVE BEEN ASSESSED, NO ADDITIONAL INSPECTION OF THE WORK WILL BE PERFORMED UNTIL THE REINSPECTION FEES HAVE BEEN RECEIVED BY THE BUILDING DEPARTMENT.**

Section 108.4 is amended to read as follows:

**108.4 Violation penalties.** Any person 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 or repair plumbing work in violation of the *approved construction documents* or directive of the ~~code~~ **BUILDING** official, or of a permit or certification issued under the provisions of This Code, shall be guilty of a **VIOLATION**, punishable by a fine of not more than **1,000** dollars or by imprisonment not exceeding **ONE YEAR**, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. **IN ACCORDANCE WITH TITLE 1 CHAPTER 4 OF THE TOWN CODE OF WINTER PARK.**

Section 108.5 is amended to read as follows:

**108.5 Stop work orders. SEE TOWN CODE 6-1-5, SECTION 108.5.**

Section 109 is amended to read as follows:

**109 Means of Appeal. SEE TOWN CODE 6-1-2, SECTION 113.**

Section 305.6.1 is amended to read as follows:

**305.6.1 Sewer depth.** ~~Building sewers that connect to private sewage disposal systems shall be a minimum of [NUMBER] inches (mm) below finished grade at the point of septic tank connection.~~ Building sewers shall be a minimum of ~~[NUMBER]~~ **48 inches (1219.2 mm)** below grade.

Section 701.2 is amended to read as follows:

**701.2 Sewer required.** Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a *public sewer, where available, or an approved private sewage disposal system in accordance with the International Private Sewage Disposal Code.*

**EXCEPTION: WHEN APPROVED BY TOWN COUNCIL.**

Section 904.1 is amended to read as follows:

**904.1 Roof extension.** All open vent pipes that extend through a roof shall be terminated at least ~~[NUMBER]~~ **12 inches (304.8 mm)** above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least 7 feet (2134 mm') above the roof.

## AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE

**TOWN CODE 6-1-5: Code Amendments:** The following sections of the **International Mechanical Code**, adopted by reference in Town Code Section 6-1-1 hereof, is hereby amended as follows:

Section 101.1 is amended to read as follows:

**101.1 Title.** These regulations shall be known as the *Mechanical Code* of **THE TOWN OF WINTER PARK**, herein after referred to as "This Code."

Section 103.2 is amended to read as follows:

**103.2 Appointment BUILDING OFFICIAL.** ~~The building official shall be appointed by the chief appointing authority of the jurisdiction.~~ **THE BUILDING OFFICIAL IS HEREBY AUTHORIZED AND DIRECTED TO ENFORCE ALL THE PROVISIONS OF THIS CODE; HOWEVER, A GUARANTY THAT ALL BUILDING AND STRUCTURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH ALL THE PROVISIONS OF THIS CODE IS NEITHER INTENDED NOR IMPLIED.**

**103.3 Deputies.** In accordance with the prescribed procedures of this jurisdiction ~~and with the concurrence of the appointing authority,~~ the ~~code~~ **BUILDING** official shall have the authority to appoint a deputy ~~code~~ **BUILDING** official, other related technical officers, inspectors and other employees. Such employees shall have the powers as delegated by the ~~code~~ **BUILDING** official.

Section 103.4 is amended to read as follows:

**103.4 Liability. THE ADOPTION OF THIS CODE, AND ANY PREVIOUS BUILDING CODES ADOPTED BY THE TOWN OF WINTER PARK, SHALL NOT BE DEEMED TO GIVE RISE TO A DUTY OF CARE ON THE PART OF ANY PUBLIC ENTITY, PUBLIC EMPLOYEE OR AGENT, NOR SHALL THIS CODE OR ANY PREVIOUS BUILDING CODES BE DEEMED TO CREATE ANY CIVIL REMEDY AGAINST A PUBLIC ENTITY, PUBLIC EMPLOYEE OR AGENT.** ~~The code BUILDING official,~~ member of board of appeals or employee charged with the enforcement of This Code, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by This Code or other pertinent law or ordinance, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damages accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties.

Any suit instituted against an officer or employee because of an act performed by that officer or employee in the lawful discharge of duties under the provisions of This Code shall be defended by legal representative of the jurisdiction until the final termination of the proceedings. The ~~code~~ **BUILDING** official or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of This Code.

Section 106.4.3 is amended to read as follows:

**106.4.3 Expiration. EVERY PERMIT ISSUED BY THE BUILDING OFFICIAL UNDER THE PROVISION OF THIS CODE SHALL EXPIRE 24 MONTHS AFTER THE DATE OF ISSUE.** Every permit issued by the ~~code~~ **BUILDING** official under the provisions of This Code shall expire by limitation and become null and void if the work authorized by such permit is not commenced within 180 days from the date of such permit, or if the work authorized on the site by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 days. Before such work recommences, a new permit shall first be obtained and the fee, therefore, shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be make in the original *construction documents* for such work, and provided further that such suspension or abandonment has not exceeded one year. **THE EXTENSION SHALL BE REQUESTED IN WRITING AND JUSTIFIABLE CAUSE DEMONSTRATED.**

Section 106.5.2 is amended to read as follows:

**106.5.2 Fee schedule.** The fees for mechanical work shall be ~~as indicated in the following schedule~~ **IN ACCORDANCE WITH TITLE 1 CHAPTER 11 OF THE TOWN CODE OF WINTER PARK.**

Section 106.5.3 is amended to read as follows:

**106.5.3 Fee refunds.** The ~~code~~ **BUILDING** official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder which was erroneously paid or collected.
2. Not more than ~~[SPECIFY PERCENTAGE]~~ **80** percent of the permit fee paid when no work has been done under a permit issued in accordance with This Code.
3. Not more than ~~[SPECIFY PERCENTAGE]~~ **80** percent of the plan review fee when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The ~~code~~ **BUILDING** official shall not authorize the refunding of any fee paid, except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

Section 106.5 is amended by adding a new subsection to read as follows:

**106.5.4 REINSPECTIONS. A REINSPECTION FEE, AMOUNT PER TITLE 1, CHAPTER 11 TABLE 2B OF THE TOWN CODE, MAY BE ASSESSED FOR EACH INSPECTION OR REINSPECTION WHEN SUCH PORTION OF WORK FOR WHICH INSPECTION IS CALLED IS NOT COMPLETE OR WHEN CORRECTIONS CALLED FOR ARE NOT MADE. REINSPECTION FEES MAY BE ASSESSED WHEN THE INSPECTION RECORD CARD IS NOT POSTED OR OTHERWISE AVAILABLE ON THE WORK SITE, THE APPROVED PLANS ARE NOT READILY AVAILABLE TO THE INSPECTOR, FOR FAILING**

**TO PROVIDE ACCESS ON THE DATE FOR WHICH THE INSPECTION IS REQUESTED, OR DEVIATING FROM THE APPROVED PLANS. IN INSTANCES WHERE REINSPECTION FEES HAVE BEEN ASSESSED, NO ADDITIONAL INSPECTION OF THE WORK WILL BE PERFORMED UNTIL THE REINSPECTION FEES HAVE BEEN RECEIVED BY THE BUILDING DEPARTMENT.**

Section 108.4 is amended to read as follows:

**108.4 Violation penalties.** Any person 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 or repair mechanical work in violation of the *approved construction documents* or directive of the ~~code~~ **BUILDING** official, or of a permit or certification issued under the provisions of This Code, shall be guilty of a **VIOLATION**, punishable by a fine of not more than **1,000** dollars or by imprisonment not exceeding **ONE YEAR**, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. **IN ACCORDANCE WITH TITLE 1 CHAPTER 4 OF THE TOWN CODE OF WINTER PARK.**

Section 108.5 is amended to read as follows:

**108.5 Stop work orders.** Upon notice from the ~~code~~ **BUILDING** official that mechanical work is being done contrary to the provisions of This Code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the ~~code~~ **BUILDING** official shall not be required to give a written notice prior to stopping the work. ~~Any person who shall continue any work on the system 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 for a fine of not less than [AMOUNT] dollars or more than [AMOUNT] dollars.~~

Section 109 is amended to read as follows:

**109.1 Application for appeal.** A person shall have the right to appeal a decision of the ~~code~~ **BUILDING** official **OR FIRE CODE OFFICIAL** to the **CONSTRUCTION AND FIRE CODE BOARD OF APPEALS ESTABLISHED PURSUANT TO 6-1-2, 113 OF THE TOWN CODE OF WINTER PARK.** ~~board of appeals.~~ An application for appeal shall be based on a claim that the true intent of This Code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of This Code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the ~~code~~ **BUILDING** official **OR FIRE CODE OFFICIAL** within 20 days after the notice was served. **NOTICE OF APPEAL SHALL BE ACCOMPANIED BY A FEE OF \$250.00.**

Section 903.3 is repealed in its entirety and reenacted to read as follows.

**903.3 Unvented gas log heaters.** ~~An unvented gas log heater shall not be installed in a factory built fireplace unless the fireplace system has been specifically tested, listed and labeled for such use in accordance with UL-127.~~ **UNVENTED GAS LOG HEATERS ARE PROHIBITED. (ORD. 396, SERIES OF 2007)**

## **AMENDMENTS TO THE INTERNATIONAL FUEL GAS CODE**

**TOWN CODE 6-1-6: Code Amendments:** The following sections of the **International Fuel Gas Code**, adopted by reference in Town Code Section 6-1-1 hereof, is hereby amended as follows:

Section 101.1 is amended to read as follows:

**101.1 Title.** These regulations shall be known as *the Fuel Gas Code* of **THE TOWN OF WINTER PARK**, herein referred to as "This Code."

Section 103.2 is amended to read as follows:

**103.2 Appointment BUILDING OFFICIAL.** ~~The code official shall be appointed by the chief appointing authority of the jurisdiction.~~ **THE BUILDING OFFICIAL IS HEREBY AUTHORIZED AND DIRECTED TO ENFORCE ALL THE PROVISIONS OF THIS CODE; HOWEVER, A GUARANTY THAT ALL BUILDING AND STRUCTURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH ALL THE PROVISIONS OF THIS CODE IS NEITHER INTENDED NOR IMPLIED.**

Section 103.3 is amended to read as follows:

**103.3 Deputies.** In accordance with the prescribed procedures of this jurisdiction ~~and with the concurrence of the appointing authority,~~ the ~~code~~ **BUILDING** official shall have the authority to appoint a deputy ~~code~~ **BUILDING** official, other related technical officers, inspectors and other employees. Such employees shall have the powers as delegated by the ~~code~~ **BUILDING** official.

Section 103.4 is amended to read as follows:

**103.4 Liability.** **THE ADOPTION OF THIS CODE, AND ANY PREVIOUS BUILDING CODES ADOPTED BY THE TOWN OF WINTER PARK, SHALL NOT BE DEEMED TO GIVE RISE TO A DUTY OF CARE ON THE PART OF ANY PUBLIC ENTITY, PUBLIC EMPLOYEE OR AGENT, NOR SHALL THIS CODE OR ANY PREVIOUS BUILDING CODES BE DEEMED TO CREATE ANY CIVIL REMEDY AGAINST A PUBLIC ENTITY, PUBLIC EMPLOYEE OR AGENT.** ~~The code~~ **BUILDING** official, member of board of appeals or employee charged with the enforcement of This Code, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by This Code or other pertinent law or ordinance, shall not thereby be rendered liable personally, and is hereby relieved from personal liability for any damages accruing to persons or property as a result of an act or by reason of an act or omission in the discharge of official duties.

Any suit instituted against an officer or employee because of an act performed by that officer or employee in the lawful discharge of duties under the provisions of This Code shall be defended by legal representative of the jurisdiction until the final termination of the proceedings. The ~~code~~ **BUILDING** official or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of This Code.

Section 106.4.3 is amended to read as follows:

**106.4.3 Expiration. EVERY PERMIT ISSUED BY THE BUILDING OFFICIAL UNDER THE PROVISION OF THIS CODE SHALL EXPIRE 24 MONTHS AFTER THE DATE OF ISSUE.** Every permit issued by the ~~code~~ **BUILDING** official under the provisions of This Code shall expire by limitation and become null and void if the work authorized by such permit is not commenced within 180 days from the date of such permit, or is suspended or abandoned at any time after the work is commenced for a period of 180 days. Before such work recommences, a new permit shall be first obtained and the fee, therefor, shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be make in the original *construction documents* for such work, and further that such suspension or abandonment has not exceeded one year. **THE EXTENSION SHALL BE REQUESTED IN WRITING AND JUSTIFIABLE CAUSE DEMONSTRATED.**

Section 106.6.2 is amended to read as follows:

**106.6.2 Fee schedule.** The fees for work shall be ~~as indicated in the following schedule~~ **IN ACCORDANCE WITH TITLE 1 CHAPTER 11 OF THE TOWN CODE OF WINTER PARK.**

Section 106.6.3 is amended to read as follows:

**106.6.3 Fee refunds.** The ~~code~~ **BUILDING** 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 ~~[SPECIFY PERCENTAGE]~~ **80** percent of the permit fee paid when no work has been done under a permit issued in accordance with This Code.
3. Not more than ~~[SPECIFY PERCENTAGE]~~ **80** percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The ~~code~~ **BUILDING** official shall not authorize the refunding of any fee paid, except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

Section 107.2 is amended by adding a new subsection to read as follows:

**107.2.1.1 REINSPECTIONS. A REINSPECTION FEE, AS SPECIFIED IN TITLE 1, CHAPTER 11 OF THE TOWN CODE, MAY BE ASSESSED FOR EACH INSPECTION OR REINSPECTION WHEN SUCH**

**PORTION OF WORK FOR WHICH INSPECTIONS IS CALLED IS NOT COMPLETE OR WHEN CORRECTIONS CALLED FOR ARE NOT MADE. REINSPECTION FEES MAY BE ASSESSED WHEN THE INSPECTION RECORD CARD IS NOT POSTED OR OTHERWISE AVAILABLE ON THE WORK SITE, THE APPROVED PLANS ARE NOT READILY AVAILABLE TO THE INSPECTOR, FOR FAILING TO PROVIDE ACCESS ON THE DATE FOR WHICH THE INSPECTION IS REQUESTED, OR FOR DEVIATING FROM PLANS REQUIRING THE APPROVAL OF THE BUILDING OFFICIAL. IN INSTANCES WHERE REINSPECTION FEES HAVE BEEN ASSESSED, NO ADDITIONAL INSPECTION OF WORK WILL BE PERFORMED UNTIL THE REINSPECTION FEES HAVE BEEN COLLECTED BY THE BUILDING DEPARTMENT.**

Section 108.4 is amended to read as follows:

**108.4 Violation penalties.** Any person who shall violate a provision of This Code or shall fail to comply with any of the requirements thereof or erect, install, alter or repair work in violation of the *approved construction documents* or directive of the ~~code~~ **BUILDING** official, or of a permit or certification issued under the provisions of This Code, shall be guilty of a **VIOLATION**, punishable by a fine of not more than **1,000** dollars or by imprisonment not exceeding **ONE YEAR**, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. **IN ACCORDANCE WITH TITLE 1 CHAPTER 4 OF THE TOWN CODE OF WINTER PARK.**

Section 108.5 is amended to read as follows:

**108.5 Stop work orders.** Upon notice from the ~~code~~ **BUILDING** official that work is being done contrary to the provisions of This Code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, the owner's agent, or the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the ~~code~~ **BUILDING** official shall not be required to give a written notice prior to stopping the work. ~~Any person who shall continue any work on the system 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 for a fine of not less than [AMOUNT] dollars or more than [AMOUNT] dollars.~~

**Section 109** is repealed in its entirety and reenacted to read as follows:

#### **SECTION 109 BOARD OF APPEALS**

**109.1 Application for appeal.** A person shall have the right to appeal a decision of the ~~code~~ **BUILDING** official to the **CONSTRUCTION AND FIRE CODE BOARD OF APPEALS ESTABLISHED PURSUANT TO 6-1-2, 113 OF THE TOWN CODE OF WINTER PARK.** ~~board of appeals.~~ An application for appeal shall be based on a claim that the true intent of This Code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of This Code do not fully apply, or an equally good or better form of construction is proposed. The application shall be filed on a form obtained from the ~~code~~ **BUILDING** official within 20 days after the notice was served. **NOTICE OF APPEAL SHALL BE ACCOMPANIED BY A FEE OF \$250.00.**

Section 303.3 is amended to read as follows:

**303.3 Prohibited locations.** Appliances shall not be located in sleeping rooms, bathrooms, toilet rooms, storage closets or surgical rooms, or in a space that opens only into such rooms or spaces, except where the installation complies with one of the following:

1. The *appliance* is a direct-vent *appliance* installed in accordance with the conditions of the listing and the manufacturer's instructions.
2. Vented room heaters, wall furnaces, vented decorative appliances, vented gas fireplaces, vented gas fireplace heaters and decorative appliances for installation in vented solid fuel-burning fireplaces are installed in rooms that meet the required volume criteria of Section 304.5
3. ~~A single wall mounted unvented room heater is installed in a bathroom and such unvented room heater is equipped as specified in Section 621.6 and has an input rating not greater than 6,000 BTU/h (1.76kW). The bathroom shall meet the required volume criteria of Section 304.5.~~
4. ~~A single wall mounted unvented room heater is installed in a bedroom and such unvented room heater is equipped as specified in Section 621.6 and has an input rating not greater than 10,000 BTU/h (2.93 kW). The bedroom shall meet the required volume criteria of Section 304.5.~~
5. The *appliance* is installed in a room or space that opens only into a bedroom or bathroom, and such room or space is used for no other purpose and is provided with a solid weather-stripped door equipped with an *approved* self-closing device. All *combustion* air shall be taken directly from the outdoors in accordance with Section 304.6.

Section 406.4.1 is amended to read as follows:

**406.4.1 Test Pressure.** The test pressure to be used shall not be no less 1½ times the proposed maximum working pressure, but not less than ~~3 (20 kPa gauge)~~ **10 PSIG**, irrespective of design pressure. Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

Section 501.8 is amended to read as follows:

**501.8 Appliances not required to be vented.** The following appliances shall not be required to be vented:

1. Ranges
2. Built-in domestic cooking units *listed* and marked for optional venting.
3. Hot plates and laundry stoves.
4. Type 1 clothes dryers (Type 1 clothes dryers shall be exhausted in accordance with the requirements of Section 614.)
5. A single booster type automatic instantaneous water heater, where designed and used solely for the sanitizing rinse requirements of a dishwashing machine, provided that the heater is installed in a commercial kitchen having a mechanical exhaust system. Where installed in this manner, the draft hood, is required, shall be in place and unaltered and the draft hood *outlet* shall be not less than 36 inches (914 mm) vertically and 6 inches (152 mm) horizontally from any surface other than the heater.
6. Refrigerators
7. Counter appliances
8. ~~Room heaters *listed* for unvented use.~~

- 9 8. Direct-fired make-up air heaters
- ~~10~~ 9. Other equipment *listed* for unvented use and not provided with flue collars.
- ~~11~~ 10. Specialized equipment of limited input such as laboratory burners and gas lights.

~~Where the appliances and equipment listed in Items 5 through 11 10 above are installed so that the aggregate input rating exceeds 20 British Thermal Units (Btu) per hour per cubic foot (207 watts per m<sup>3</sup>) of volume of the room or space in which such appliances are installed, one or more shall be provided with venting systems or other *approved* means for conveying the vent gases to the outdoor atmosphere so that the aggregate input rating of the remaining unvented appliances does not exceed the 20 Btu per hour per cubic foot (207 watts per m<sup>3</sup>). Where the room or space in which the *appliance* is installed is directly connected to another room or space by a doorway, archway or other opening of comparable size that cannot be closed, the volume of such adjacent room or space shall be permitted to be included in the calculations.~~

Section 603.1 is amended to read as follows:

**603.1 General.** Log lighters shall be tested in accordance with CSA 8 and be installed in accordance with the manufacturer's installation instructions **ARE PROHIBITED.**

Section 621.1 is repealed in its entirety and reenacted to read as follows:

**621.1 General PROHIBITED INSTALLATION. INSTALLATION OF UNVENTED ROOM HEATERS IS PROHIBITED.** ~~Unvented room heaters shall be tested in accordance with ANSI Z21.11.2 and shall be installed in accordance with the conditions of the listing and the manufacturer's installation instructions. Unvented room heaters utilizing fuels other than fuel gas shall be regulated by the *International Mechanical Code*.~~

## AMENDMENTS TO THE INTERNATIONAL ENERGY CODE

**TOWN CODE 6-1-7: Code Amendments:** The following sections of the **International Energy Code**, adopted by reference in Town Code Section 6-1-1 hereof, is hereby amended as follows:

Section 101.1 is amended to read as follows:

**101.1 Title.** This Code shall be known as the *International Energy Conservation Code* of **THE TOWN OF WINTER PARK**, and shall be cited as such. It is referred to herein as "This Code."

Section 109.3 is amended to read as follows:

**109.3 Violation penalties.** *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 or repair or do work in violation of the *approved construction documents* or directive of the fire code official **OR**

**BUILDING OFFICIAL**, or of a permit or certification used under the provisions of This Code, shall be guilty of a **VIOLATION**, punishable by a fine of not more than **1,000** dollars or by imprisonment not exceeding **ONE YEAR**, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. **IN ACCORDANCE WITH TITLE 1 CHAPTER 4 OF THE TOWN CODE OF WINTER PARK.**

Section 506.1 is amended to read as follows:

**506.1 General.** The proposed design complies with this section provided that:

1. Sections 502.4, 502.5, 503.2, 504 505.2, 505.3, 505.4, 505.6 505.7 are each satisfied, and
2. Annual energy costs of the proposed design as determined in accordance with Section 506.3 do not exceed those of the standard design as determined in accordance with Section 506.4.

**B. EXEMPTIONS: THE FOLLOWING BUILDINGS ARE EXEMPT FROM PROVISIONS OF THE ENERGY CONSERVATION CODE ADOPTED HEREIN:**

1. **ANY BUILDING THAT IS OTHERWISE EXEMPT FROM THE PROVISIONS OF THE BUILDING CODE ADOPTED BY THE TOWN COUNCIL IN WHICH THE TOWN IS LOCATED AND BUILDINGS THAT DO NOT CONTAIN A CONDITIONED SPACE.**
2. **ANY BUILDING THAT DOES NOT USE EITHER ELECTRICITY OR FOSSIL FUELS FOR COMFORT HEATING. A BUILDING WILL BE PRESUMED TO BE HEATED BY ELECTRICITY EVEN IN THE ABSENCE OF EQUIPMENT USED FOR ELECTRIC COMFORT HEATING IF THE BUILDING IS PROVIDED WITH ELECTRICAL SERVICE IN EXCESS OF ONE HUNDRED (100) AMPS, UNLESS THE CODE ENFORCEMENT OFFICIAL OF THE TOWN DETERMINES THAT THE ELECTRICAL SERVICE IS NECESSARY FOR A PURPOSE OTHER THAN FOR PROVIDING ELECTRIC COMFORT FOR HEATING.**
3. **HISTORIC BUILDINGS THAT ARE LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES OR COLORADO STATE REGISTER OF HISTORIC PROPERTIES AND BUILDINGS THAT HAVE BEEN DESIGNATED AS HISTORICALLY SIGNIFICANT OR THAT HAVE BEEN DEEMED ELIGIBLE FOR DESIGNATION BY A LOCAL GOVERNING BODY THAT IS AUTHORIZED TO MAKE SUCH DESIGNATIONS.**
4. **ANY BUILDING THAT IS EXEMPT PURSUANT TO THE ENERGY CODE.**

## **AMENDMENTS TO THE INTERNATIONAL FIRE CODE**

**TOWN CODE 6-1-8: Code Amendments:** The following sections of the **International Fire Code**, adopted by reference in Town Code Section 6-1-1 hereof, is hereby amended as follows:

Section 101.1 is amended to read as follows:

**101.1 Title.** These regulations shall be known as the *Fire Code* of THE TOWN OF WINTER PARK, hereinafter referred to as "This Code"

Section 101.2.1 is amended to read as follows:

**101.2.1 Appendices.** ~~Provisions in the appendices shall not apply unless specifically adopted.~~  
**PROVISIONS IN THE APPENDICES ARE SPECIFICALLY ADOPTED.**

Section 103.2 is amended to read as follows:

**103.2 Appointment. BUILDING AND OR FIRE CODE OFFICIAL. SEE 6-1-2, 103.2.**

Section 103.3 is amended to read as follows:

**103.3 Deputies. SEE 6-1-2, 103.3.**

Section 103.4 is amended to read as follows:

**103.4 Liability. SEE 6-1-2, 104.8.**

Section 105.3.1 is amended to read as follows:

**105.3.1 Expiration. SEE 6-1-2, 105.5.**

Section 106.2 is amended by adding a new subsection to read as follows:

**106.2.1.1 REINSPECTIONS. A REINSPECTION FEE, AS SPECIFIED IN TITLE 1, CHAPTER 11 OF THE TOWN CODE, MAY BE ASSESSED FOR EACH INSPECTION OR REINSPECTION WHEN SUCH PORTION OF WORK FOR WHICH INSPECTIONS IS CALLED IS NOT COMPLETE OR WHEN CORRECTIONS CALLED FOR ARE NOT MADE. REINSPECTION FEES MAY BE ASSESSED WHEN THE INSPECTION RECORD CARD IS NOT POSTED OR OTHERWISE AVAILABLE ON THE WORK SITE, THE APPROVED PLANS ARE NOT READILY AVAILABLE TO THE INSPECTOR, FOR FAILING TO PROVIDE ACCESS ON THE DATE FOR WHICH THE INSPECTION IS REQUESTED, OR FOR DEVIATING FROM PLANS REQUIRING THE APPROVAL OF THE BUILDING OFFICIAL AND OR FIRE CODE OFFICIAL. IN INSTANCES WHERE REINSPECTION FEES HAVE BEEN ASSESSED, NO ADDITIONAL INSPECTION OF WORK WILL BE PERFORMED UNTIL THE REINSPECTION FEES HAVE BEEN COLLECTED BY THE BUILDING DEPARTMENT OR FIRE DEPARTMENT. (FIRE DEPARTMENT - EAST GRAND FIRE PROTECTION DISTRICT NO. 4, PLAN REVIEW & INSPECTION FEE SCHEDULE)**

Section 108 is repealed in its entirety and reenacted to read as follows:

**108.1 BOARD OF APPEALS ESTABLISHED. A PERSON SHALL HAVE THE RIGHT TO APPEAL A DECISION OF THE BUILDING OFFICIAL AND FIRE CODE OFFICIAL TO THE CONSTRUCTION AND FIRE CODE BOARD OF APPEALS ESTABLISHED PURSUANT TO 6-1-2, 113 OF THE TOWN CODE OF WINTER PARK.**

**NOTICE OF APPEAL SHALL BE ACCOMPANIED BY A FEE OF \$250.00.**

Section 114 added as new section to read as follows:

**114 WATER FLUSHING. THE FIRE CHIEF OR FIRE CODE OFFICIAL, SHALL BE AUTHORIZED TO WITNESS, ACCEPT, OR APPROVE FLUSHING AND FLOW TESTING OF A WATER SYSTEM SUPPLYING WATER FOR ALL FIRE PROTECTION SYSTEMS.**

That the limits referred to in certain sections of the **2009 International Fire Code** are hereby established as follows:

~~Section 3204.3.1.1.3 Location. Containers of *cryogenic fluids* shall not be located within diked areas containing other hazardous materials.~~ **ANY AMOUNT OF STORAGE OF FLAMMABLE CRYOGENIC FLUIDS IS PROHIBITED.**

~~Section 3404.2.9.6.1 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 the limits of districts in which such storage is prohibited.~~ **STORAGE OF CLASS I AND CLASS II LIQUIDS IN ABOVE GROUND TANKS OUTSIDE OF BUILDINGS IS RESTRICTED TO 250 GALLONS OR LESS.**

**EXCEPTION: WHEN A PERMIT HAS BEEN ISSUED BY THE FIRE CHIEF.**

~~Section 3406.2.4.4 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 the limits of districts in which such storage is prohibited.~~ **STORAGE OF CLASS I AND CLASS II LIQUIDS IN ABOVE GROUND TANKS IS RESTRICTED TO 250 GALLONS OR LESS.**

**EXCEPTION: WHEN A PERMIT HAS BEEN ISSUED BY THE FIRE CHIEF.**

~~Section 3506.2. Limitations. Storage of flammable cryogenic fluids in stationary containers outside of building is prohibited within the limits established by law as the limits of districts in which such storage is prohibited (see Section 3 of the Sample Ordinance for Adoption of the International Fire Code on page xiii).~~ **ANY AMOUNT OF STORAGE OF FLAMMABLE CRYOGENIC FLUIDS IS PROHIBITED.**

~~Section 3804.2 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 a water capacity of 2,000 gallons (7570L).~~ **STORAGE OF LIQUEFIED PETROLEUM GAS IS RESTRICTED TO 2,000 GALLONS OR LESS.**

Section A101.2 is amended to read as follows:

**A101.2 MEMBERSHIP.** The membership of the **APPEALS** board shall consist of five voting members, **THREE OF WHICH** having the qualifications established by this section. Members shall be nominated by the **BUILDING OFFICIAL**, *fire code official* or the chief administrative officer of the **RESPECTIVE** jurisdiction, subject to confirmation by a majority vote of the governing body. ~~Members shall serve without remuneration or compensation, and shall be removed from office prior to the end of their appointed term only for cause.~~

~~**A101.2.2 FIRE PROTECTION ENGINEERING PROFESSIONAL.** One member shall be a qualified engineer, technologist, technician or safety professional trained in fire protection engineering, fire science or fire technology. Qualified representative in this category shall include fire protection contractors and certified technicians engaged in *fire protection system design*.~~  
**REGISTERED DESIGN PROFESSIONAL WITH ELECTRICAL ENGINEERING EXPERIENCE OR AN ELECTRICAL CONTRACTOR WITH AT LEAST TEN YEARS EXPERIENCE, FIVE OF WHICH SHALL HAVE BEEN IN RESPONSIBLE CHARGE OF WORK.**

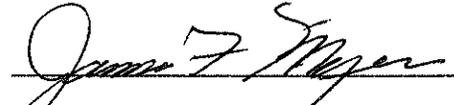
~~**A101.2.3 Industrial safety professional.** One member shall be a registered industrial or chemical engineer, certified hygienist, certified safety professions, certified hazardous materials manger or comparably qualified specialist experienced in chemical process safety or industrial safety.~~ **REGISTERED DESIGN PROFESSIONAL WITH MECHANICAL AND PLUMBING EXPERIENCE OR A MECHANICAL CONTRACTOR WITH AT LEAST TEN YEARS EXPERIENCE, FIVE OF WHICH SHALL HAVE BEEN IN RESPONSIBLE CHARGE OF WORK.**

**D102.1** is amended to read as follows:

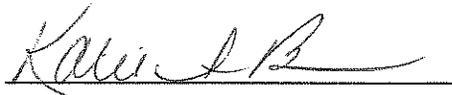
**D102.1 Access and loading.** Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an *approved* fire apparatus access road with asphalt, concrete, or other *approved* driving surface capable of supporting the imposed load of fire apparatus weighing at least **84,000** ~~75,000~~ pounds (~~34,050~~ kg).

INTRODUCED, APPROVED ON FIRST READING, AND ORDERED PUBLISHED IN SUMMARY this 21<sup>st</sup> day of May, 2013. A public hearing shall be held at the regular meeting of the Town Council of the Town of Winter Park, Colorado, on the 4<sup>th</sup> day of June, 2013 or as soon thereafter as possible, at the Winter Park Town Hall.

TOWN OF WINTER PARK

  
James F. Myers, Mayor

ATTEST:

  
Katie Buss, Town Clerk



READ, ADOPTED AND ORDERED PUBLISHED IN SUMMARY on second and final reading by a vote of 6 to 0 on the 4th day of June, 2013.

TOWN OF WINTER PARK

  
James F. Myers, Mayor

ATTEST:

  
Katie Buss, Town Clerk

