

ORDINANCE NO. _____

1 AN ORDINANCE amending Title 20 of the Lincoln Municipal Code by adding a
2 new Chapter 20.10 to adopt the 2012 edition of the International Residential Code, except Chapter
3 11 thereof, regulating and controlling the design, construction, quality of materials, erection,
4 installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of
5 one- and two-family dwellings and townhouses in the City of Lincoln and adopting Chapter 11 of
6 the 2009 edition of the International Residential Code relating to thermal energy conservation; and
7 repealing Chapter 20.12 of the Lincoln Municipal Code as hitherto existing.

8 BE IT ORDAINED by the City Council of the City of Lincoln, Nebraska:

9 Section 1. That Title 20 of the Lincoln Municipal Code be amended by adding a new
10 section numbered 20.10.010 to read as follows:

11 **20.10.010 Adoption of International Residential Code.**

12 Except as hereinafter provided by specific amendment, the following publications are hereby
13 adopted and incorporated into Title 20 of the Lincoln Municipal Code:

14 (a) All but Chapter 11 of the International Residential Code for one- and two-family
15 dwellings, 2012 Edition, first printing, hereinafter referred to as the International Residential Code;
16 and

17 (b) Chapter 11 of the International Residential Code for one- and two-family dwellings,
18 2009 Edition, fifth printing; and

19 (c) Elevated Residential Structures F.E.M.A. Publication No. 54, dated March 1984,
20 published by U.S. Government Printing Office: 2002-717-395/96287. This document is adopted for
21 reference to design standards and techniques only, as set forth in Chapters 27.52 and 27.53 of the
22 Lincoln Municipal Code.

23 One printed copy of the above publications have been filed in the office of the City Clerk for
24 use of and examination by the public.

1 Section 2. That Title 20 of the Lincoln Municipal Code be amended by adding a new
2 section numbered 20.10.015 to read as follows:

3 **20.10.015 Section R101 Amended; Title, Scope and Purpose.**

4 Section R101 of the International Residential Code is amended to read as follows:

5 **R101.1 Title.** These provisions shall be known as the Residential Code for One- and Two-
6 Family Dwellings of the City of Lincoln, Lancaster County, Nebraska, and shall be cited as such and
7 will be referred to herein as “this code.”

8 **R101.2 Scope.** The provisions of the *International Residential Code for One- and Two-*
9 *Family Dwellings* shall apply to the construction, alteration, movement, enlargement, replacement,
10 repair, equipment, use and occupancy, location, removal, and demolition of detached one- and two-
11 family dwellings and multiple single-family dwellings (townhouses) not more than three stories
12 above grade in height with a separate means of egress and their accessory structures within the city
13 or within three miles of the corporate limits of the city and outside of any other organized city or
14 village.

15 **Exception:** Live/work units complying with the requirements of Section 419 of the
16 International Building Code shall be permitted to be built as one- and two-family dwellings or
17 townhouses under the International Residential Code for One- and Two-family Dwellings.

18 **R101.3 Purpose.** The purpose of this code is to provide minimum standards to safeguard
19 life or limb, health, property, and public welfare by regulating and controlling the design,
20 construction, quality of materials, use and occupancy, location, and maintenance of all buildings and
21 structures within the city and within three miles of the corporate limits of the city and outside of any
22 other organized city or village, and regulating certain equipment specified herein.

23 The purpose of this code is not to create or otherwise establish or designate any particular
24 case or group of persons who will or should be especially protected or benefitted by the terms of this
25 code.

1 Section 3. That Title 20 of the Lincoln Municipal Code be amended by adding a new
2 section numbered 20.10.020 to read as follows:

3 **20.10.020 Section R102.1 Amended; Applicability; General.**

4 Section R102.1 of the International Residential Code is amended to read as follows:

5 **R102.1 General.** Where, in any specific case, different sections of this code specify
6 different materials, methods of construction or other requirements, the most restrictive shall govern.
7 Where there is a conflict between a general requirement and a specific requirement, the specific
8 requirement shall be applicable. Where there is a conflict between the International Residential
9 Code, as adopted or amended, any other section of the Lincoln Municipal Code, or recommendation
10 or requirement from a manufacturer, the most restrictive shall govern.

11 Section 4. That Title 20 of the Lincoln Municipal Code be amended by adding a new
12 section numbered 20.10.025 to read as follows:

13 **20.10.025 Section R103 Amended; Department of Building and Safety.**

14 Section R103 of the International Residential Code is amended to read as follows:

15 **SECTION R103**

16 **DEPARTMENT OF BUILDING AND SAFETY**

17 **R103.1 Building official designated.** The Department of Building and Safety is hereinafter
18 designated as the Building Department under the jurisdiction of the Director of Building and Safety,
19 who is hereinafter designated as the Building Official.

20 **R103.2 Appointment.** The Building Official shall be appointed by the Mayor.

21 **R103.3 Deputies.** In accordance with the prescribed procedures of the City of Lincoln and
22 with the concurrence of the Mayor, the Building Official shall have the authority to appoint a deputy
23 building official, the related technical officers, inspectors, plan examiners, and other employees.
24 Such employees shall have powers under this code as delegated by the Building Official.

25 Section 5. That Title 20 of the Lincoln Municipal Code be amended by adding a new
26 section numbered 20.10.030 to read as follows:

1 **20.10.030 Section R105.2 Amended; Work Exempt From Permit.**

2 Section R105.2 of the International Residential Code is amended to read as follows:

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

7 **Building:**

8 1. One-story detached accessory structures used as a playhouse provided the floor area
9 does not exceed 65 square feet.

10 2. Fences not over 7 feet high.

11 3. Retaining walls that are not over 4 feet in height measured from the bottom of the
12 footing to the top of the wall, unless supporting a surcharge.

13 4. Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons
14 and the ratio of height to diameter or width does not exceed 2 to 1.

15 5. Residing and re-shingling. This exemption does not include new roof sheathing.

16 6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.

17 7. Prefabricated, temporary, swimming pools that have a depth of 48 inches or less.
18 Swimming pools are further regulated by Lincoln Municipal Code Chapters 8.36 and 8.38.

19 8. Swings and other playground equipment accessory to a one- or two-family dwelling.

20 9. Window awnings supported by an exterior wall. This exemption does not include
21 replacement windows.

22 10. Sidewalks and Driveways. See Lincoln Municipal Code Chapter 14.75, Driveway
23 Approaches and Curbs, and Chapter 14.80, Sidewalk Construction.

24 Section 6. That Title 20 of the Lincoln Municipal Code be amended by adding a new
25 section numbered 20.10.035 to read as follows:

1 **20.10.035** **Section R105.3.1.1 Amended; Determination of Substantially Improved or**
2 **Substantially Damaged Existing Buildings in Flood Hazard Areas.**

3 Section 105.3.1.1 of the International Residential Code is amended to read as follows:

4 **Section R105.3.1.1 Determination of substantially improved or substantially damaged**
5 **existing buildings in Flood Hazard Areas.** For buildings located in a floodplain or floodprone area
6 within the City’s zoning jurisdiction, the regulations and specifications set forth in Lincoln
7 Municipal Code Chapters 27.52 and 27.53 shall apply.

8 Section 7. That Title 20 of the Lincoln Municipal Code be amended by adding a new
9 section numbered 20.10.040 to read as follows:

10 **20.10.040** **Section R105.4.1 Added; Orders Not Stayed.**

11 Section R105.4.1 is added to the International Residential Code to read as follows:

12 **R105.4.1 Orders not stayed.** Orders, deadlines, provisions, and/or penalties established
13 by the Building Official or any other officer or other designated authority with the City of Lincoln
14 charged with the administration and enforcement of any code or ordinance under the Lincoln
15 Municipal Code shall not be stayed or nullified because of the issuance or granting of a building
16 permit.

17 Section 8. That Title 20 of the Lincoln Municipal Code be amended by adding a new
18 section numbered 20.10.045 to read as follows:

19 **20.10.045** **Section R105.5 Amended; Expiration.**

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

21 **R105.5 Expiration.** Every permit issued shall become invalid unless the work authorized
22 by such permit is commenced within 120 days after its issuance, or if the work authorized by such
23 permit is suspended or abandoned for a period of 180 days after the time the work is commenced.

24 All permits shall expire after two years. New plans and permit will be required to extend the
25 project. The Building Official is authorized to grant, by written request, one extension of time due

1 to size and scope of project for a period of not more than one year with the payment of two-thirds
2 of the original building permit fee.

3 Section 9. That Title 20 of the Lincoln Municipal Code be amended by adding a new
4 section numbered 20.10.050 to read as follows:

5 **20.10.050 Section R105.10 Added; Completion of Exterior.**

6 Section R105.10 is added to the International Residential Code to read as follows:

7 **R105.10 Completion of Exterior.** When a building permit is issued for new construction,
8 addition, alteration, remodeling, or relocation of a single family or duplex dwelling and accessory
9 buildings and structures, the roof and all exterior surfaces shall not be exposed for more than 12
10 months.

11 Section 10. That Title 20 of the Lincoln Municipal Code be amended by adding anew
12 section numbered 20.10.055 to read as follows:

13 **20.10.055 Section R106.2 Amended; Site Plan or Plot Plan.**

14 Section R106.2 of the International Residential Code is amended to read as follows:

15 **R106.2 Site plan or plot plan.** The construction documents submitted with the application
16 for permit shall be accompanied by a site plan showing the size and location of new construction
17 and existing structures on the site and distances from lot lines. The site plan shall include elevations
18 of existing property lines, street, and proposed foundation as per R403.1.7.3. In the case of
19 demolition, the site plan shall show construction to be demolished and the location and size of
20 existing structures and construction that are to remain on the site or plot. The Building Official is
21 authorized to waive or modify the requirement for a site plan when the application for permit is for
22 alteration or repair or when otherwise warranted. In addition, an 8 1/2 inch x 11 inch site plan shall
23 be submitted as a part of the building permit application.

24 **Exception:** An 8 1/2 inch x 11 inch site plan is not required when electronic plans are
25 submitted.

1 Section 11. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.060 to read as follows:

3 **20.10.060 Section R108 Amended; Fees.**

4 Section R108 of the International Residential Code is amended to read as follows:

5 **SECTION R108**

6 **FEES**

7 **R108.1 General.** Fees shall be assessed in accordance with the provisions of this section
8 or shall be as set forth in the fee schedule adopted in the following sections.

9 **R108.2 Permit fees.** The fee for each permit shall be as set forth in Table 1 set forth herein.

10 The determination of value or valuation to be used in computing the building permit and
11 building plan review fees shall be the total value of all construction work for which the permit is
12 issued, as well as all finish work, painting, roofing, electrical, plumbing, heating, air conditioning,
13 elevators, fire extinguishing systems, and any other permanent equipment. The Building Official
14 may determine valuation by applying the International Code Council valuation or other recognized
15 method of estimating building construction project cost.

16 The value or valuation used by the Building Official in computing the building permit and
17 plan review fees is only an estimate and is not intended to be used as conclusive evidence of the
18 actual value of all construction work for which the permit is issued as well as all finish work,
19 painting, roofing, electrical, plumbing, heating, air conditioning, elevators, fire extinguishing
20 systems, and any other permanent equipment for purposes of determining whether said value
21 exceeds a certain percentage of the fair market value of the building in question.

22 **R108.3 Plan review fees.** When a plan or other data are required to be submitted by Section
23 R105.3, a plan review fee shall be paid at the time of submitting plans and specifications for review.
24 Said plan review fee shall be an amount equal to 30% of the building permit fee shown in Table 1
25 for residential buildings of one and two dwelling units, or \$30.00 whichever is greater. At time of

1 submittal for an application for a building permit for residential buildings of one- and two-family
2 dwelling units, a permit deposit of \$100.00 shall be made by the applicant.

3 The plan review fees in this subsection are separate from and in addition to the permit fees
4 specified in Section R108.2 and shall not be credited to the total building permit fee if such permit
5 is issued. There shall be no refund for plan review after any plan review has been completed by the
6 Department of Building and Safety, even if the application is withdrawn.

7 One additional plan review of corrections made on the original plans after the initial plan
8 review shall be performed at no cost to the applicant; however, where plans require further correc-
9 tions, are incomplete, or are changed necessitating additional plan review, an additional plan review
10 fee shall be charged at the rate of ten percent of the total permit fee or \$50.00, whichever is greater,
11 for each additional review. Additional plan review fees may be applicable as set forth below:

12 Single-family and duplex limited permit reviews will be subject to an additional plan review
13 fee at the rate of ten percent of the total building permit fee or \$100.00, whichever is greater.

14 **R108.4 Development permit fees.**

15 **R108.4.1** A fee shall be assessed for any floodplain development permit applied for under
16 Lincoln Municipal Code Chapters 27.52 and 27.53 and shall be paid at the time of application
17 therefor. The fee for each permit shall be as follows:

18 **Floodplain Development Permit Fees**

19 <u>Floodplain Permit</u>	<u>15% of Building Fee</u> <u>(\$250.00 Minimum)</u>
20 <u>Floodplain - All Other Development</u>	<u>\$250.00</u>
21 <u>Floodplain Permit – Fill</u>	<u>\$250.00</u> <u>+ \$50.00 per acre</u> <u>(\$2,500.00 Maximum)</u>
22 <u>Floodplain – Mobile Home Placement</u>	<u>\$50.00</u>
23 <u>Floodplain – Accessory Buildings</u>	<u>\$50.00</u>
24 <u>Floodplain – Residential</u>	
25 <u>Non-substantial Improvement</u>	<u>\$100.00</u>

1 **R108.4.2** In those cases where a development permit is required for a structure, but a
2 building permit is not required, the value of construction as determined by Section R108.2 of this
3 code shall be used to calculate the development permit fee.

4 **R108.4.3** Any work requiring a development permit commenced prior to the issuance of the
5 permit shall result in the assessment of an investigation fee in accordance with Section R108.6.2 of
6 this code, which investigation fee shall be in addition to the development permit fee.

7 **R108.4.4** The Building Official may refund not more than two-thirds of the development
8 permit fee when an application for which such fee has been paid is withdrawn or canceled prior to
9 commencement of plan review.

10 **R108.5 Expiration of plan review.** Applications for which no permit is issued within 180
11 days following the date of application shall expire by limitation, and plans and other data submitted
12 for review may thereafter be returned to the applicant or destroyed by the Building Official. The
13 Building Official may extend the time for action by the applicant for a period not exceeding 180
14 days on request by the applicant prior to the expiration date showing that circumstances beyond the
15 control of the applicant have prevented action from being taken. No application shall be extended
16 more than once. In order to renew action on an application after expiration, the applicant shall
17 resubmit plans and pay all new Building and Safety Department permit fees.

18 **R108.6 Investigation fees.** Work without a permit.

19 **R108.6.1 Investigation.** Whenever any work for which a permit is required by this code
20 has been commenced without first obtaining said permit, a special investigation shall be made before
21 a permit may be issued for such work.

22 **R108.6.2 Fee.** An investigation fee, in addition to the permit fee, shall be collected whether
23 or not a permit is then or subsequently issued. The investigation fee shall be equal to the amount
24 of the permit fee required by this code. The minimum investigation fee shall be the same as the
25 minimum fee set forth in Table 1. The payment of such investigation fee shall not exempt any

1 person from compliance with all other provisions of this code nor from any penalty prescribed by
2 law.

3 **TABLE 1- RESIDENTIAL PERMIT FEES - New, Remodel and Additions**

<u>Value of Construction</u>	<u>Building Permit Fee</u>	<u>Number of Inspections at Building Permit Fee</u>
<u>\$1-\$500</u>	<u>\$35.00</u>	<u>2</u>
<u>\$501-\$25,000</u>	<u>\$39.00 plus \$4.00 for each additional \$1,000, or fraction thereof, of value</u>	<u>3</u>
<u>\$25,001-\$100,000</u>	<u>\$139.00 plus \$2.00 for each additional \$1,000, or fraction thereof, of value</u>	<u>4</u>
<u>\$100,001-\$200,000</u>	<u>\$289.00 plus \$2.00 for each additional \$1,000, or fraction thereof, of value</u>	<u>5</u>
<u>\$200,001-\$300,000</u>	<u>\$489.00 plus \$2.00 for each additional \$1,000, or fraction thereof, of value</u>	<u>6</u>
<u>\$300,001-\$400,000</u>	<u>\$689.00 plus \$2.00 for each additional \$1,000 or fraction thereof, of value</u>	<u>7</u>
<u>Over \$400,000</u>	<u>\$889.00 plus \$2.00 for each additional \$1,000 or fraction thereof, of value</u>	<u>8</u>

12 The fee for each inspection in excess of the number of inspections for each category of value of construction stated above shall be \$30.00.

13 The fee for each re-inspection for which a deficiency is not corrected shall be \$50.00.

14 Fees for additional plan reviews shall be 30% of the building permit fee.

15 Investigation of damage by any cause shall be \$100.00 in addition to any building or demolition permits issues.

16
17 **R108.7 Fee refunds.** There shall be no refunds or credits given on permits or applications
18 regulated by this chapter which have expired. Permit holders returning an unused permit prior to
19 the expiration date of the permit shall be limited to a maximum refund amounting to two-thirds of
20 the total building permit fee, with the remaining one-third to be used to pay the cost of processing
21 the permit. The Building Official may authorize refunding of not more than two-thirds of the plan

1 review fee or permit deposit paid when an application for a permit for which such fee has been paid
2 is withdrawn or canceled before any plan reviewing is done.

3 No refund shall be issued on a permit deposit or plan review fee, floodplain development
4 fee, demolition fee, or any other fee collected by the department where the refund amount is less
5 than \$50.00. Where a fee has been collected in error, the Building Official may authorize a 100%
6 refund.

7 **R108.8 Demolition permit fees.** No demolition, razing, or destructive removal of any
8 structure covered by this code shall be permitted without the issuance of a demolition permit by the
9 Building Official. Demolition permits for residential housing, other than garages, shall be \$200.00.
10 Demolition permits for residential garages shall be \$30.00.

11 Section 12. That Title 20 of the Lincoln Municipal Code be amended by adding a
12 new section numbered 20.10.065 to read as follows:

13 **20.10.065 Section R109 Section Heading Amended; Inspections and Surveys.**

14 The section heading of Section R109 of the International Residential Code is amended to
15 read as follows:

16 **SECTION R109**

17 **INSPECTIONS AND SURVEYS**

18 Section 13. That Title 20 of the Lincoln Municipal Code be amended by adding a
19 new section numbered 20.10.070 to read as follows:

20 **20.10.070 Section R109.1 Amended; Types of Inspections.**

21 Section R109.1 of the International Residential Code is amended to read as follows:

22 **R109.1 Types of inspections.** All construction or work for which a permit is required shall
23 be subject to inspection by the Building Official and all such construction work shall remain
24 accessible and exposed for inspection purposes until approved by the Building Official.

1 Approval as a result of an inspection shall not be construed to be an approval of a violation
2 of the provisions of this code or of other ordinances of the City.

3 A survey of the lot or lots upon which permitted work for additions, alterations, or repairs
4 are being accomplished shall be provided by a duly licensed surveyor of the State of Nebraska
5 before plans and specifications shall be accepted by the Building Official to verify compliance of
6 the construction or work with building line setback requirements of the Lincoln Municipal Code.
7 All boundary corners of a lot or lots with permanent survey monuments shall be marked in the field
8 by a duly licensed surveyor of the State of Nebraska.

9 It shall be the duty of the permit applicant to cause the work to remain accessible and
10 exposed for inspection purposes. Neither the Building Official nor the City shall be liable for
11 expense entailed in the removal or replacement of any material required to allow inspection.

12 In the event any permit holder or permit holder's agent shall fail to request required
13 inspections as herein provided, or in the event any permit holder or permit holder's agent shall have
14 a backlog of one or more permits with no final inspections completed, or if any fees for any other
15 building permits have not been paid, the Building Official is authorized to withhold further issuance
16 of any permit or perform any further inspections under this code to said permit holder or the permit
17 holder's agent until required inspections have been completed and all fees for all other building
18 permits have been paid as provided by this code.

19 Section 14. That Title 20 of the Lincoln Municipal Code be amended by adding a
20 new section numbered 20.10.075 to read as follows:

21 **20.10.075 Section R109.1.2 Amended; Setback Verification.**

22 Section R109.1.2 of the International Residential Code is amended to read as follows:

23 **R109.1.2 Setback verification.** A setback dimension greater than six inches over the
24 minimum shall be verified by the Building Official. A setback dimension that is less than six inches
25 but greater than two inches over the minimum dimension shall be verified by the Building Official

1 using a string line between lot pins. A setback dimension that is two inches or less over the
2 minimum shall be verified by a licensed surveyor prior to pouring the concrete for the walls.

3 Section 15. That Title 20 of the Lincoln Municipal Code be amended by adding a
4 new section numbered 20.10.080 to read as follows:

5 **20.10.080 Section R109.1.4 Amended; Frame Inspection.**

6 Section R109.1.4 of the International Residential Code is amended to read as follows:

7 **R109.1.4 Frame inspection.** Inspection of framing construction shall be made after all
8 framing, firestopping, draftstopping, and bracing are in place and after the water-resistive barrier and
9 flashing is installed but before the exterior wall covering is installed.

10 Section 16. That Title 20 of the Lincoln Municipal Code be amended by adding a
11 new section numbered 20.10.085 to read as follows:

12 **20.10.085 Section R109.1.7 Added; Reinspections.**

13 Section R109.1.7 is added to the International Residential Code to read as follows:

14 **R109.1.7 Reinspections.** A reinspection fee may be assessed for each inspection or
15 reinspection when such portion of work for which inspection is called is not complete or when
16 corrections called for are not made.

17 This subsection is not to be interpreted as requiring reinspection fees the first time a job is
18 rejected for failure to comply with the requirements of this code, but as controlling the practice of
19 calling for inspections before the job is ready for such inspection or reinspection.

20 Reinspection fees may be assessed when the Building Inspector initiates the inspection
21 because the permit holder or his agent fails to schedule the inspection as per R109.3

22 Reinspection fees may be assessed when the inspection record card is not posted or otherwise
23 available on the work site, the approved plans are not readily available to the inspector, for failure
24 to provide access on the date for which inspection is requested, or for deviating from plans requiring
25 the approval of the Building Official.

1 It shall be the responsibility of a permit holder or the permit holder's agent to call for all
2 required inspections, including the final inspection, of all additions, alterations, or repairs performed
3 under a plumbing, mechanical, electrical or building permit. Final inspection shall be called for by
4 the permit holder or the permit holder's agent prior to occupancy of the building or structure or
5 portion thereof. In the event any permit holder or permit holder's agent shall fail to call for required
6 inspections as herein provided or in the event any permit holder or permit holder's agent shall have
7 a backlog of one or more permits with no final inspections completed, the Building Official is
8 authorized to withhold further issuance of any permit or perform any further inspections under this
9 code to said permit holder or the permit holder's agent until required inspections have been com-
10 pleted as provided by this code. Written notice of the withholding issuance of new permits shall be
11 given to the permit holder by the Building Official.

12 **R110.2 Change in use.** Changes in the character or use of a building shall not be made
13 except as specified in Section 3408 of the International Building Code.

14 **R110.3 Certificate issued.** After the Building Official performs a final inspection and
15 observes that the required sidewalks along the frontage of any residential zoned single-family or
16 two-family lot abutting upon a local or collector street have been installed, a certificate of occupancy
17 shall be issued when it is found that the building or structure complies with requirements of issuance
18 set forth in Chapter 27.77 of the Lincoln Municipal Code.

19 **R110.4 Temporary certificate.** If the Building Official finds that no substantial hazard will
20 result from occupancy of any building or portion thereof before the same is completed, a temporary
21 certificate of occupancy may be issued for the use of a portion or portions of a building or structure
22 prior to the completion of the entire building or structure and issuance of the certificate of
23 occupancy. If the temporary certificate of occupancy is issued for a single- or two-family dwelling
24 located upon a single- or two-family lot abutting upon a local or collector street, the temporary

1 certificate of occupancy shall be conditioned upon the sidewalks along the frontage of said lot being
2 constructed during the same or next construction season.

3 **R110.4.1 Temporary certificate limitations.** Each temporary certificate of
4 occupancy shall be limited to a term to be determined by the Building Official.

5 Section 19. That Title 20 of the Lincoln Municipal Code be amended by adding a
6 new section numbered 20.10.100 to read as follows:

7 **20.10.100 Section R111 Deleted; Service Utilities.**

8 Section R111 of the International Residential Code and all subsections thereof are hereby
9 deleted.

10 Section 20. That Title 20 of the Lincoln Municipal Code be amended by adding a
11 new section numbered 20.10.105 read as follows:

12 **20.10.105 Section R112 Amended; Board of Appeals.**

13 Section R112 of the International Residential Code is amended to read as follows:

14 **SECTION R112**
15 **BOARD OF APPEALS**

16 **R112.1 Building Code Board of Appeals.** The appeals board and appeals procedure adopted
17 under Lincoln Municipal Code Section 20.06.210 pursuant to Section 113 of the International
18 Building Code as amended by the City of Lincoln, shall serve as the appeals board and appeals
19 procedure for this code.

20 **R112.2 Limitations on authority - Deleted.**

21 **R112.2.1 Determination of substantial improvement in acres prone to flooding -**
22 **Deleted.**

23 **R112.2.2 Criteria for issuance of a variance for areas prone to flooding - Deleted.**

24 **R112.3 Qualifications - Deleted.**

25 **R112.4 Administration - Deleted.**

1 Section 21. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.110 to read as follows:

3 **20.10.110 Section R113.3 Amended; Prosecution of Violation.**

4 Section R113.3 of the International Residential Code is amended to read as follows:

5 **R113.3 Prosecution of violation.** If the notice of violation is not complied with and the
6 abatement or correction of the violation is not completed within the time frame given in the notice
7 of violation, the Building Official may withhold issuance of any further building permits and may
8 withhold any further inspection pending compliance with the order of abatement or correction and
9 the City Law Department is authorized to institute the appropriate civil proceedings at law or in
10 equity to restrain, correct, or abate such violation, or to require the removal or termination of the
11 unlawful occupancy of the building or structure in violation of the provisions of this code or of the
12 order or direction made pursuant thereto. The Building Official may also refer violations to the City
13 Law Department for prosecution under Lincoln Municipal Code Section 20.10.115. The Building
14 Official may also revoke any building permit applicable to a building with violations of this code
15 or any part of the Lincoln Municipal Code.

16 Section 22. That Title 20 of the Lincoln Municipal Code be amended by adding a
17 new section numbered 20.10.115 to read as follows:

18 **20.10.115 Section R113.4 Amended; Violation Penalties.**

19 Section R113.4 of the International Residential Code is amended to read as follows:

20 **R113.4 Violation penalties.** Any person, firm, or corporation who shall violate any of the
21 provisions of this code shall be deemed guilty of a misdemeanor and upon conviction thereof shall
22 be fined in any sum not to exceed \$500.00, or be imprisoned in the county jail for a period not to
23 exceed six months, or by both such fine and imprisonment, except that each person so convicted
24 shall be fined in a sum of not less than \$200.00 for the first offense, not less than \$250.00 for the
25 second offense, and not less than \$300.00 for the third offense and each offense thereafter. Each day

1 that such violation is committed or permitted to continue shall constitute a separate offense and shall
2 be punishable as such hereunder.

3 Section 23. That Title 20 of the Lincoln Municipal Code be amended by adding a
4 new section numbered 20.10.120 to read as follows:

5 **20.10.120 Section R114 Amended; Stop Work Order.**

6 Section R114 of the International Residential Code is amended to read as follows:

7 **R114.1 Notice to owner.** Upon notice from the Building Official that work on any building
8 or structure is being prosecuted contrary to the provisions of this code or in an unsafe and dangerous
9 manner, such work shall be immediately stopped. The stop work order shall be in writing and shall
10 be delivered to the owner of the property involved, or to the owner's agent, or to the person doing
11 the work, and shall state the conditions under which work shall be permitted to resume. The
12 Building Official may post the stop work order on the property subject to the permit. If the owner
13 or owner's agent fails to comply with the stop work order or fails to correct any violations or unsafe
14 and dangerous work practices ordered to be abated or corrected within the time frame given in the
15 stop work order, the Building Official shall withhold issuance of any further building permits and
16 withhold any further inspections pending compliance with the stop work order and abatement or
17 correction of any violations or unsafe and dangerous work practices.

18 **R114.2 Time to correct violations.** The International Residential Code violations or any
19 other Lincoln Municipal Code violations stated in the stop work order shall be abated within the
20 time frame directed by the Building Official, or be subject to penalties as prescribed in this code.

21 Section 24. That Title 20 of the Lincoln Municipal Code be amended by adding a
22 new section numbered 20.10.125 to read as follows:

23 **20.10.125 Section R115 Added; Demolition of Buildings.**

24 Section R115 is added to the International Residential Code to read as follows:

20.10.135 Table No. R301.2(1) Amended; Climatic and Geographic Design Criteria.

Table No. R301.2(1) of the International Residential Code is amended to read as follows:

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

<u>GROUND SNOW LOAD</u>	<u>WIND SPEED^d (mph)</u>	<u>SEISMIC DESIGN CATEGORY^f</u>	<u>SUBJECT TO DAMAGE FROM</u>			<u>WINTER DESIGN TEMP^e</u>	<u>ICE BARRIER UNDERLAYMENT REQUIRED^b</u>	<u>FLOOD HAZARDS^g</u>
			<u>Weathering^a</u>	<u>Frost Line depth^b</u>	<u>Termite^c</u>			
30 psf	90 mph	B	Severe	36"	moderate to heavy	70° F	Yes	See LMC 27.52 & 27.53

All footnotes to Table R301.2(1) of this code shall apply.

Section 27. That Title 20 of the Lincoln Municipal Code be amended by adding a new section numbered 20.10.140 to read as follows:

20.10.140 Section R301.2.4 Amended; Floodplain Construction.

Section R301.2.4 of the International Residential Code is amended to read as follows:

Section R301.2.4 Floodplain construction. For buildings located in a floodplain or floodprone area within the City’s zoning jurisdiction, the regulations and specifications set forth in Lincoln Municipal Code Chapters 27.52 and 27.53 shall apply.

Section 28. That Title 20 of the Lincoln Municipal Code be amended by adding a new section numbered 20.10.145 to read as follows:

20.10.145 Table R301.5 Amended; Minimum Uniformly Distributed Live Loads.

Table R301.5 of the International Residential Code is amended to read as follows:

TABLE R301.5
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS
(in pounds per square foot)

<u>USE</u>	<u>LIVE LOAD</u>
<u>Attics with limited storage^{b,g,h}</u>	<u>20</u>
<u>Attics without storage^b</u>	<u>10</u>
<u>Attics served with a fixed stairs</u>	<u>40</u>

USE	LIVE LOAD
<u>Decks and exterior balconies^e</u>	<u>40</u>
<u>Fire escapes</u>	<u>40</u>
<u>Guardrails and handrails^d</u>	<u>200ⁱ</u>
<u>Guardrails in-fill components^f</u>	<u>50ⁱ</u>
<u>Passenger vehicle garages^a</u>	<u>50^a</u>
<u>Rooms other than sleeping rooms</u>	<u>40</u>
<u>Sleeping rooms</u>	<u>40</u>
<u>Stairs</u>	<u>40^c</u>

For SI: 1 pound per square foot = 0.0479 kPa, 1 square inch = 645 mm²,
1 pound = 4.45 N.

All footnotes to Table No. R301.5 of this code shall apply.

Section 29. That Title 20 of the Lincoln Municipal Code be amended by adding a new section numbered 20.10.150 to read as follows:

20.10.150 Table R301.7 Amended; Allowable Deflection of Structural Members.

Table R301.7 of the International Residential Code is amended to read as follows:

TABLE R301.7
ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
<u>Rafters having slopes greater than 3/12 with no finished ceiling attached to rafters</u>	<u>L/180</u>
<u>Interior walls and partitions</u>	<u>H/240</u>
<u>All other structural members L/240</u>	<u>L/240</u>
<u>Exterior walls with plaster or stucco finish</u>	<u>H/360</u>
<u>Exterior walls —wind loads^a with brittle finishes</u>	<u>H/240</u>

<u>STRUCTURAL MEMBER</u>	<u>ALLOWABLE DEFLECTION</u>
<u>Exterior walls—wind loads^a with flexible finishes</u>	<u>H/180</u>
<u>Floors – 16'6" or less</u>	<u>L/360</u>
<u>Floors over 16'6" span</u>	<u>L/480</u>

Note: L = span length, H = span height.

All footnotes to Table R301.7 of this code shall apply.

Section 30. That Title 20 of the Lincoln Municipal Code be amended by adding a new section numbered 20.10.155 to read as follows:

20.10.155 Section R302.1 Amended; Exterior Walls.

Section R302.1 of the International Residential Code is amended to read as follows:

R302.1 Exterior walls. Construction, projections, openings, and penetrations of exterior walls of dwellings and accessory buildings shall comply with Table R302.1(1). These provisions shall not apply to walls, projections, openings, or penetrations in walls that are perpendicular to the line used to determine the fire separation distance. Projections beyond the exterior wall shall not extend more than 12 inches into the areas where openings are prohibited. No part of a detached structure shall be closer than 2 feet from a lot line.

Exception 1: Detached tool sheds and storage sheds, playhouses and similar structures with a floor area of equal to or less than 120 square feet are not required to provide wall protection.

Exception 2: Detached accessory buildings greater than 120 square feet with walls located less than 3 feet from a lot line shall be 1 hour protected with exposure from the inside with no openings.

1 **R302.2 Townhouses.** Each townhouse shall be considered a separate building and shall
2 be separated by fire-resistance-rated wall assemblies meeting the requirements of Section R302.1
3 for exterior walls.

4 **Exception:** A common 2-hour fire-resistance-rated wall assembly tested in accordance with
5 ASTM E 119 or UL 263 is permitted for townhouses if such walls do not contain plumbing or
6 mechanical equipment, ducts or vents in the cavity of the common wall. The wall shall be rated for
7 fire exposure from both sides and shall extend to and be tight against exterior sheathing of exterior
8 walls and the underside of the roof sheathing. Electrical installations shall be installed in accordance
9 with the City of Lincoln Electrical Code. Penetrations of electrical outlet boxes shall be in
10 accordance with Section R302.4.

11 Section 33. That Title 20 of the Lincoln Municipal Code be amended by adding a
12 new section numbered 20.10.170 to read as follows:

13 **20.10.170 Figure R302.2 (1) Added; Typical Party Wall Section; Two 1 Hour Walls.**

14 Figure R302.2 (1) is added to the International Residential Code as shown on said figure at
15 the end of this chapter.

16 Section 34. That Title 20 of the Lincoln Municipal Code be amended by adding a
17 new section numbered 20.10.175 to read as follows:

18 **20.10.175 Figure R302.2 (2) Added; Typical Party Wall Section; 2 Hour Non Bearing Wall**
19 **With Parallel Bearing Walls.**

20 Figure R302.2 (2) is added to the International Residential Code as shown on said figure at
21 the end of this chapter.

22 Section 35. That Title 20 of the Lincoln Municipal Code be amended by adding a
23 new section numbered 20.10.180 to read as follows:

1 **20.10.180 Figure R302.2 (3) Added; Typical Party Wall Section; One 2 Hour Shaft Wall.**

2 Figure R302.2 (3) is added to the International Residential Code as shown on said figure at
3 the end of this chapter.

4 Section 36. That Title 20 of the Lincoln Municipal Code be amended by adding a
5 new section numbered 20.10.185 to read as follows:

6 **20.10.185 Figure R302.2 (4) Added; Typical Party Wall Section; Single 2 Hour Wall.**

7 Figure R302.2 (4) is added to the International Residential Code as shown on said figure at
8 the end of this chapter.

9 Section 37. That Title 20 of the Lincoln Municipal Code be amended by adding a
10 new section numbered 20.10.190 to read as follows:

11 **20.10.190 Section R302.2.4 Exception 5 Deleted; Structural Independence.**

12 Exception 5 to Section R302.2.4 of the International Residential Code is hereby deleted.

13 Section 38. That Title 20 of the Lincoln Municipal Code be amended by adding a new
14 section numbered 20.10.195 to read as follows:

15 **20.10.195 Section R302.3 Amended; Two-family Dwellings.**

16 Section R302.3 of the International Residential Code is amended to read as follows:

17 **R302.3 Two-family dwellings.** Dwelling units in two-family dwellings shall be separated
18 from each other by wall and/or floor assemblies of not less than 1-hour fire-resistive rating when
19 tested in accordance with ASTM E 119. Fire-resistance-rated floor-ceiling and wall assemblies shall
20 extend to and be tight against the exterior wall, and wall assemblies shall extend to the underside
21 of the roof sheathing. The minimum connection between units of a two-family dwelling shall be an
22 8-foot roof connection measured parallel to the adjoining walls and connected to each unit.

23 **Exceptions:**

24 1. A fire resistance rating of 1/2 hour shall be permitted in buildings equipped
25 throughout with an automatic sprinkler system installed in accordance with NFPA 13.

1 2. Wall assemblies need not extend through attic spaces when the ceiling is protected
2 by not less than 5/8-inch Type X gypsum board and an attic draft stop constructed as specified in
3 Section R302.12.1 is provided above and along the wall assembly separating the dwellings. The
4 structural framing supporting the ceiling shall also be protected by not less than 1/2-inch gypsum
5 board or equivalent.

6 Section 39. That Title 20 of the Lincoln Municipal Code be amended by adding a new
7 section numbered 20.10.200 to read as follows:

8 **20.10.200 Section R302.5.1 Amended; Opening Protection.**

9 Section R302.5.1 of the International Residential Code is amended to read as follows:

10 **R302.5.1 Opening protection.** Openings from a private garage directly into a room used
11 for sleeping purposes shall not be permitted. Other openings between the garage and residence shall
12 be equipped with solid wood doors not less than 1 3/8 inches in thickness, solid or honeycomb-core
13 steel doors not less than 1 3/8 inches thick, or 20-minute fire-rated doors.

14 Section 40. That Title 20 of the Lincoln Municipal Code be amended by adding a new
15 section numbered 20.10.205 to read as follows:

16 **20.10.205 Section R302.5.2 Deleted; Duct Penetration.**

17 Section R302.5.2 of the International Residential Code is hereby deleted.

18 Section 41. That Title 20 of the Lincoln Municipal Code be amended by adding a
19 new section numbered 20.10.210 to read as follows:

20 **20.10.210 Section R302.6 Amended; Separation Required.**

21 Section 302.6 of the International Residential Code is amended to read as follows:

22 **R302.6 Separation required.** The garage shall be separated from the residence and its attic
23 area by not less than 5/8-inch type X gypsum board applied to the garage wall side. Garages beneath
24 habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch type X
25 gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure

1 supporting the separation shall also be protected by not less than 5/8-inch type X gypsum board or
2 equivalent. A cantilever projecting over a garage door shall be protected on the underside by not
3 less than 5/8-inch Type X gypsum board.

4 Garages located less than 6 feet from a dwelling unit on the same lot shall be protected with
5 not less than 5/8-inch type X gypsum board applied to the interior side of exterior walls that are
6 within this area. Openings in these walls shall be regulated by Table R302.1(1). This provision does
7 not apply to garage walls that are perpendicular to the adjacent dwelling unit wall. Accessory
8 buildings 120 square feet or greater, located less than 6 feet from the residence shall be protected
9 by not less than 5/8-inch type X gypsum board applied to the interior side, with no openings
10 permitted.

11 Section 42. That Title 20 of the Lincoln Municipal Code be amended by adding a
12 new section numbered 20.10.215 to read as follows:

13 **20.10.215 Table R302.6 Amended; Dwelling/Garage Fire Separation.**

14 Table R302.6 of the International Residential Code is amended to read as follows:

15 **TABLE R302.6**
16 **DWELLING/GARAGE SEPARATION**

<u>SEPARATION</u>	<u>MATERIAL</u>
<u>From the residence and attics</u>	<u>Not less than 5/8-inch type X gypsum board or equivalent applied to the garage side.</u>
<u>Structure(s) supporting floor/ceiling assemblies used for separation required by this section</u>	<u>Not less than 5/8-inch type X gypsum board or equivalent.</u>
<u>Garages located less than 6 feet from a dwelling unit on the same lot</u>	<u>Not less than 5/8 type X gypsum board or equivalent applied to the interior side of exterior walls that area within this area.</u>

23 Section 43. That Title 20 of the Lincoln Municipal Code be amended by adding a
24 new section numbered 20.10.220 to read as follows:

1 **20.10.220** **Section R303.1 Exception 2 Amended; Habitable Rooms.**

2 Exception 2 of Section R303.1 of the International Residential Code is amended to read as
3 follows:

4 2. The glazed areas shall not be required to be provided in habitable rooms in
5 basements except for bedrooms where Exception 1 above is satisfied and artificial light is provided
6 capable of producing an average illumination of 6 foot candles over the area of the room at a height
7 of 30 inches above the floor level. The glazed area required for a basement bedroom shall be a
8 maximum of 11.5 square feet.

9 Section 44. That Title 20 of the Lincoln Municipal Code be amended by adding a
10 new section numbered 20.10.225 to read as follows:

11 **20.10.225** **Section R303.3 Amended; Bathrooms.**

12 Section R303.3 of the International Residential Code is amended to read as follows:

13 **R303.3 Bathrooms.** Bathrooms, water closet compartments, laundry rooms, and other
14 similar rooms shall be provided with a mechanical ventilation system. The minimum ventilation
15 rates shall be 50 cfm for intermittent ventilation or 20 cfm for continuous ventilation. Ventilation
16 air from the space shall be exhausted directly to the outside.

17 In laundry rooms, dryers vented directly to the outside are deemed to meet the requirements
18 of this section.

19 Section 45. That Title 20 of the Lincoln Municipal Code be amended by adding a
20 new section numbered 20.10.230 to read as follows:

21 **20.10.230** **Section R303.4 Amended; Mechanical Ventilation.**

22 Section R303.4 of the International Residential Code is amended to read as follows:

23 **R303.4 Mechanical ventilation.** See Lincoln Municipal Code Chapter 25.04, Lincoln
24 Mechanical Code.

1 Section 46. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.235 to read as follows:

3 **20.10.235 Sections R303.5, 303.5.1, 303.5.2 Amended; Opening Protection.**

4 Section R303.5, and subsections 303.5.1 and 303.5.2 of the International Residential Code
5 are amended to read as follows:

6 **R303.5 Opening location.** See Lincoln Municipal Code Chapter 25.04, Lincoln Mechanical
7 Code.

8 **R303.5.1 Intake openings.** See Lincoln Municipal Code Chapter 25.04, Lincoln
9 Mechanical Code.

10 **R303.5.2 Exhaust openings.** See Lincoln Municipal Code Chapter 25.04, Lincoln
11 Mechanical Code.

12 Section 47. That Title 20 of the Lincoln Municipal Code be amended by adding a
13 new section numbered 20.10.240 to read as follows:

14 **20.10.240 Section R303.6 Amended; Outside Opening Protection.**

15 Section R303.6 of the International Residential Code is amended to read as follows:

16 **R303.6 Outside opening protection.** See Lincoln Municipal Code Chapter 25.04, Lincoln
17 Mechanical Code.

18 Section 48. That Title 20 of the Lincoln Municipal Code be amended by adding a
19 new section numbered 20.10.245 to read as follows:

20 **20.10.245 Section R305 Amended; Ceiling Heights.**

21 Section R305 of the International Residential Code is amended to read as follows:

22 **SECTION R305**
23 **CEILING HEIGHT**

24 **R305.1 Ceiling Heights.** Habitable space shall have a ceiling height of not less than 7 feet,
25 6 inches. The required height shall be measured from the finished floor to the lowest projection
26 from the ceiling.

1 **Exceptions:**

2 1. Bathrooms, hallways, toilet rooms and laundry rooms shall have a ceiling height
3 of not less than 7 feet.

4 2. For rooms with sloped ceilings, at least 50 percent of the required floor area of
5 the room must have a ceiling height of at least 7 feet 6 inches. No portion of the room with a ceiling
6 height of less than 5 feet shall be included.

7 3. The ceiling height above bathroom fixtures shall be such that the fixture is capable
8 of being used for its intended purpose. A shower or tub equipped with a showerhead shall have a
9 minimum ceiling height of 6 feet 8 inches above a minimum area 30 inches by 30 inches at the
10 showerhead.

11 **R305.1.1 Basements.** Habitable space in basements within a single family dwelling unit
12 shall have a ceiling height of not less than 7 feet.

13 **Exceptions:**

14 1. Beams, soffits, ducts and piping shall not be less than 6 feet 6 inches from the
15 floor and shall not exceed 1/3 of the total ceiling area of the room.

16 2. Bathrooms, hallways, toilet rooms and laundry rooms shall have a minimum
17 ceiling height of 6 feet 8 inches.

18 3. Lighting fixtures shall be a minimum of 6 feet 6 inches above the floor.

19 4. Ceiling fans shall be a minimum of 7 feet from the floor.

20 **R305.2 Headroom clearance.** Any portion of a garage shall have an unobstructed
21 headroom clearance of not less than 6 feet 8 inches above the finished floor to any ceiling, beam,
22 pipe, or similar construction except for wall-mounted shelves, storage surfaces, racks, or cabinets.

23 Section 49. That Title 20 of the Lincoln Municipal Code be amended by adding a
24 new section numbered 20.10.250 to read as follows:

25 **20.10.250 Section R306.2 Amended; Kitchen.**

26 Section R306.2 of the International Residential Code is amended to read as follows:

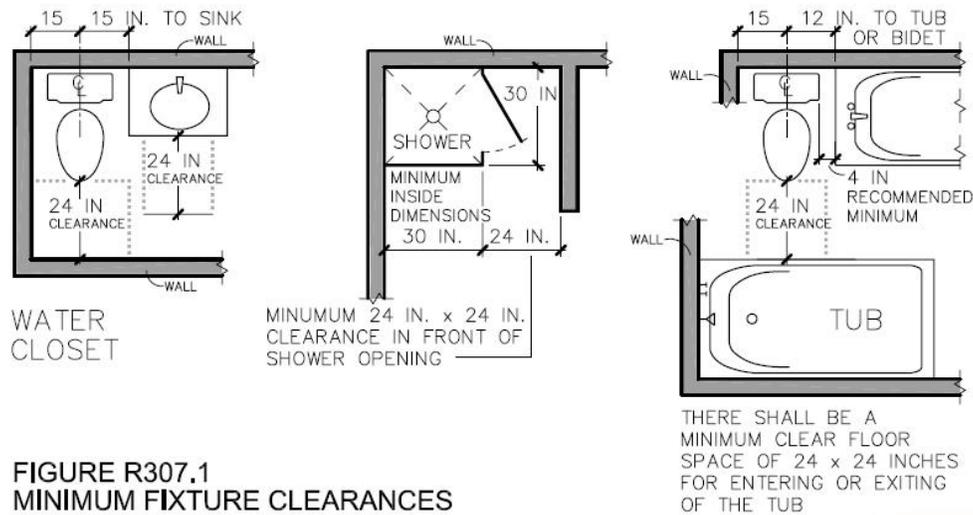
1 **R306.2 Kitchen.** Each dwelling unit shall be provided with a kitchen area and every
 2 kitchen area shall be provided with a sink. Domestic free-standing or built-in ranges shall have a
 3 vertical clearance above the cooking top of not less than 30 inches to unprotected combustible
 4 material. When the underside of such combustible material is protected with insulating millboard
 5 at least 1/4 inch thick covered with 28 gage metal or a metal ventilating hood, the distance shall be
 6 not less than 24 inches.

7 Section 50. That Title 20 of the Lincoln Municipal Code be amended by adding a
 8 new section numbered 20.10.255 to read as follows:

9 **20.10.255 Figure R307.1 Amended; Minimum Fixture Clearances.**

10 Figure R307.1 of the International Residential Code is amended to read as follows:

11 **FIGURE R307.1**
 12 **MINIMUM FIXTURE CLEARANCES**



14 Section 51. That Title 20 of the Lincoln Municipal Code be amended by adding a
 15 new section numbered 20.10.260 to read as follows:

16 **20.10.260 Section R307.3 Added; Access to Whirlpool Pump.**

17 Section R307.3 is added to the International Residential Code to read as follows:

1 **R307.3 Access to whirlpool pump.** Access shall be provided to circulation pumps in
2 accordance with the fixture manufacturer’s installation instructions. Where the manufacturer’s
3 instructions do not specify the location and minimum size of field fabricated access openings, a
4 12-inch by 12-inch minimum size opening shall be installed to provide access to the circulation
5 pump. Where pumps are located more than 2 feet from the access opening, an 18-inch by 18-inch
6 minimum size opening shall be installed. A door or panel shall be permitted to close the opening.
7 In all cases, the access opening shall be unobstructed and be of the size necessary to permit the
8 removal and replacement of the circulation pump.

9 Section 52. That Title 20 of the Lincoln Municipal Code be amended by adding a
10 new section numbered 20.10.265 to read as follows:

11 **20.10.265 Section R308.4.2 Exception No. 3 Deleted; Glazing Adjacent Doors.**

12 Exception No. 3 in Section R308.4.2 of the International Residential Code is hereby deleted.

13 Section 53. That Title 20 of the Lincoln Municipal Code be amended by adding a
14 new section numbered 20.10.270 to read as follows:

15 **20.10.270 Section R308.4.5 Amended; Glazing and Wet Surfaces.**

16 Section R308.4.5 of the International Residential Code is amended to read as follows:

17 **R308.4.5 Glazing and wet surfaces.** Glazing in walls, enclosures or fences containing hot
18 tubs, spas, whirlpools, saunas, steam rooms, bathtubs, showers and indoor or outdoor swimming
19 pools where the bottom exposed edge of the glazing is less than 60 inches measured vertically above
20 any standing or walking surface shall be considered a hazardous location. This shall apply to single
21 glazing and all panes in multiple glazing.

22 Exception: Glazing that is more than 60 inches, measured horizontally and in a
23 straight line, from the water’s edge of a bathtub, hot tub, spa, whirlpool, or swimming pool.

24 Section 54. That Title 20 of the Lincoln Municipal Code be amended by adding a
25 new section numbered 20.10.275 to read as follows:

1 **20.10.275** **Section R309.3 Amended; Garages and Carports; Flood Hazard Areas.**

2 Section R309.3 of the International Residential Code is amended to read as follows:

3 **R309.3 Flood hazard areas.** For buildings located in a floodplain or floodprone area within
4 the City’s zoning jurisdiction, the regulations and specifications set forth in Lincoln Municipal Code
5 Chapters 27.52 and 27.53 shall apply.

6 Section 55. That Title 20 of the Lincoln Municipal Code be amended by adding a
7 new section numbered 20.10.280 to read as follows:

8 **20.10.280** **Section R309.5 Deleted; Fire Sprinklers.**

9 Section R309.5 of the International Residential Code is hereby deleted.

10 Section 56. That Title 20 of the Lincoln Municipal Code be amended by adding a
11 new section numbered 20.10.285 to read as follows:

12 **20.10.285** **Section R310.1 Amended; Emergency Escape and Rescue Required.**

13 Section R310.1 of the International Residential Code is amended to read as follows:

14 **R310.1 Emergency escape and rescue required.** Basements, habitable attics and every
15 sleeping room shall have at least one operable emergency escape and rescue opening. Where base-
16 ments contain one or more sleeping rooms, emergency egress and rescue openings shall be required
17 in each sleeping room. Rooms with a storage closet greater than 18 inches in depth or direct access
18 to a bathroom shall also comply with this requirement. Where emergency escape and rescue
19 openings are provided they shall have a sill height of not more than 44 inches measured from the
20 finished floor to the bottom of the clear opening. The net clear opening dimensions required by this
21 section shall be obtained by the normal operation of the emergency escape and rescue opening from
22 the inside. Emergency escape and rescue openings with a finished sill height below the adjacent
23 ground elevation shall be in accordance with Section R310.2. Emergency escape and rescue
24 openings shall open directly into the a public way, or a yard or court that opens to a public way.

25 **Exception:** Basements used only to house mechanical equipment and not exceeding
26 total floor area of 200 square feet.

1 Section 57. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.290 to read as follows:

3 **20.10.290 Section R310.1.1 Exception Deleted; Minimum Opening.**

4 The Exception to Section R310.1.1 of the International Residential Code is hereby deleted.

5 Section 58. That Title 20 of the Lincoln Municipal Code be amended by adding a
6 new section numbered 20.10.295 to read as follows:

7 **20.10.295 Section R310.1.5 Added; Double Hung Egress Window.**

8 Section R310.1.5 is added to the International Residential Code to read as follows:

9 **R310.1.5 Double hung egress window. Double hung windows must meet the requirements**
10 **for an egress window without removing the upper sash.**

11 Section 59. That Title 20 of the Lincoln Municipal Code be amended by adding a
12 new section numbered 20.10.300 to read as follows:

13 **20.10.300 Section R310.3 Amended; Bulkhead Enclosures.**

14 Section R310.3 of the International Residential Code is amended to read as follows:

15 **R310.3 Bulkhead enclosures. Bulkhead enclosures shall provide direct access only to**
16 **furnace, water heater, and other mechanical, plumbing and electrical equipment.**

17 Section 60. That Title 20 of the Lincoln Municipal Code be amended by adding a
18 new section numbered 20.10.305 to read as follows:

19 **20.10.305 Section R311.3.2 Amended; Floor Elevations for Other Exterior Doors.**

20 Section R311.3.2 of the International Residential Code is amended to read as follows:

21 **R311.3.2 Floor elevations for other exterior doors. Doors other than the required**
22 **egress door shall be provided with landings or floors not more than 7 3/4 inches below the top of**
23 **the threshold.**

1 **Exceptions:**

2 1. Where a stairway of 4 or more risers is located on the exterior side of the door,
3 other than the required exit door, a landing is required.

4 2. The height of floors at a garage utility door shall not be more than 7 3/4 inches
5 lower than the top of the threshold.

6 Section 61. That Title 20 of the Lincoln Municipal Code be amended by adding a
7 new section numbered 20.10.310 to read as follows:

8 **20.10.310 Section R311.7 Amended; Stairways.**

9 Section R311.7 of the International Residential Code is amended to read as follows:

10 **R311.7 Stairways.**

11 **R311.7.1 Width.** Stairways shall not be less than 36 inches in clear width at all points above
12 the permitted handrail height and below the required headroom height. Handrails shall not project
13 more than 4.5 inches on either side of the stairway and the minimum clear width of the stairway at
14 and below the handrail height, including treads and landings, shall not be less than 31.5 inches
15 where a handrail is installed on one side and 27 inches where handrails are provided on both sides.

16 **Exceptions:**

17 1. The width of spiral stairways shall be in accordance with Section R311.7.10.1.

18 2. Private stairways for lofts or attics may be 30 inches in width provided the
19 minimum clear width at and below the railing shall not be less than 25 1/2 inches.

20 3. Stringers and other projections such as trim and similar decorative features may
21 project into the required width 1 1/2 inches on each side.

22 **R311.7.2 Headroom.** The minimum headroom in all parts of the stairway shall not be less
23 than 6 feet 8 inches measured vertically from the sloped plane adjoining the tread nosing or from
24 the floor surface of the landing or platform.

1 Exception: When demonstrated to the Building Official there are practical
2 difficulties in achieving 6 feet 8 inches headroom in existing construction, a minimum of 6 feet 6
3 inches headroom may be allowed.

4 **R311.7.3 Vertical rise.** A flight of stairs shall not have a vertical rise greater than 12 feet
5 between floor levels or landings.

6 **R311.7.4 Walkline.** The walkline across winder treads shall be concentric to the curved
7 direction of travel through the turn and located 12 inches from the side where the winders are
8 narrower.

9 **R311.7.5 Stair treads and risers.**

10 **R311.7.5.1 Risers.** The maximum riser height shall be 7 ¾ inches and the minimum
11 riser height shall be 4 inches. The riser shall be measured vertically between leading edges of the
12 adjacent tread. The greatest riser height within any flight of stairs shall not exceed the smallest by
13 more than 3/8 inch. Risers shall be vertical or sloped from the underside of the nosing of the tread
14 above at an angle not more than 30 degrees from the vertical. Open risers are permitted between
15 treads.

16 **R311.7.5.2 Tread depth.** The minimum tread depth shall be 10 inches unless at the
17 discretion of the Building Official, it may be adjusted to accommodate existing conditions. The
18 greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch.
19 Winder treads shall have a minimum tread depth of 10 inches measured at a point 12 inches from
20 the side where the treads are narrower. Winder treads shall have a minimum tread depth of 7 inches
21 at any point.

22 **R311.7.5.3 Nosings.** The radius of curvature at the nosing shall be no greater than
23 9/16 inch. A nosing not less than 3/4 inch but not more than 1 1/4 inches be provided on stairways
24 with solid risers. The greatest nosing projection shall not exceed the smallest nosing projection by
25 more than 3/8 inch between two stories, including the nosing at the level of floors and landings.

1 Beveling of nosings shall not exceed 1/2 inch. Risers shall be vertical or sloped under the tread
2 above from the underside of the nosing above at an angle not more than 30 degrees from the vertical.
3 Open risers are permitted.

4 **Exception:** A nosing is not required where the tread depth is a minimum of
5 10 inches.

6 **R311.7.4.4 Exterior wood/plastic composite stair treads.** Wood/plastic composite
7 stair treads shall comply with the provisions of Section R507.3.

8 **R311.7.6 Landings for stairways.** There shall be a floor or landing at the top and bottom
9 of each stairway.

10 **Exception 1:** A floor or landing is not required at the top of an interior flight of stairs,
11 including stairs in an enclosed garage, provided a door does not swing over the stairs. A flight of
12 stairs shall not have a vertical rise larger than 12 feet between floor levels or landings. The width
13 of each landing shall not be less than the width of the stairway served. Every landing shall have a
14 minimum dimension of 36 inches measured in the direction of travel.

15 **Exception 2:** The bottom of an exterior stair shall be supported by a concrete or stone
16 pad that provides a minimum landing of 12 inches, the top of which is at grade level, and shall be
17 the width of the stairs.

18 **R311.7.7 Stairway walking surface.** The walking surface of treads and landings of
19 stairways shall be sloped no steeper than one unit vertical in 48 inches horizontal (2-percent slope).

20 **R311.7.8 Handrails.** Handrails shall be provided on at least one side of each continuous
21 run of treads or flight with four or more risers. The handrail for circular, and winding stairs shall be
22 located on the side where the tread is narrower.

23 **R311.7.8.1 Height.** Handrail height, measured vertically from the sloped plane
24 adjoining the tread nosing, or finish surface of ramp slope, shall be not less than 34 inches and not
25 more than 38 inches.

1 **R311.7.8.2 Continuity.** Handrails for stairways shall be continuous for the full
2 length of the flight, from a point directly above the top riser of the flight to a point directly above
3 the lowest riser of the flight. Handrails adjacent to a wall shall have a space of not less than 1½ inch
4 between the wall and the handrails.

5 **Exceptions:**

- 6 1. Handrails shall be permitted to be interrupted by a newel post at the turn.
7 2. The use of a volute, turnout, starting easing or starting newel shall be allowed over
8 the lowest tread.
9 3. Handrails shall be permitted to be interrupted at the point where a stairway wall
10 changes to an open guard.

11 **R311.7.8.3 Grip-size.** All required handrails shall be of one of the following types
12 or provide equivalent graspability.

13 1. Type I. Handrails with a circular cross section shall have an outside diameter of
14 at least 1 1/4 inches and not greater than 2 inches. If the handrail is not circular, it shall have a
15 perimeter dimension of at least 4 inches and not greater than 6 1/4 inches with a maximum cross
16 section of dimension of 2 1/4 inches. Edges shall have a minimum radius of 0.01 inch.

17 2. Type II. Handrails with a perimeter greater than 6 1/4 inches shall have a
18 graspable finger recess area on both sides of the profile. The finger recess shall begin with a
19 distance of 3/4 inch measured vertically from the tallest portion of the profile and achieve a depth
20 of at least 5/16 inch within 7/8 inch to a level that is not less than 1 3/4 inches below the tallest
21 portion of the profile. The minimum width of the handrail above the recess shall be 1 1/4 inches to
22 a maximum of 2 3/4 inches. Edges shall have a minimum radius of 0.01 inches.

23 3. Type III. Handrails for exterior stairs of an individual dwelling unit may consist
24 of a 1 ½ inch x 3 ½ inch rail mounted in a horizontal position.

25 **R311.7.9 Illumination.** All stairs shall be provided with illumination in accordance with
26 Section R303.6.

1 **R311.7.10 Special stairways.** Spiral stairways, winder stairways, circular stairways, and
2 bulkhead enclosure stairways shall comply with all requirements of Section R311.7 except as
3 specified below:

4 **R311.7.10.1 Spiral stairways.** Spiral stairways are permitted, provided the
5 minimum width shall be 26 inches with each tread having a 7½-inches minimum tread depth at 12
6 inches from the narrower edge. All treads shall be identical, and the rise shall be no more than 9½
7 inches. A minimum headroom of 6 feet 6 inches shall be provided.

8 **R311.7.10.2 Circular stairways.** Circular and winding stairways shall have a tread
9 depth at a point not more than 12 inches from the side where the treads are narrower of not less than
10 10 inches and the minimum depth of any tread shall not be less than 7 inches. The largest tread
11 depth shall not exceed the smallest by more than 3/8 inch.

12 Section 62. That a section designated 20.10.315 be and hereby is reserved for future
13 use.

14 Section 63. That Title 20 of the Lincoln Municipal Code be amended by adding a
15 new section numbered 20.10.320 to read as follows:

16 **20.10.320 Section R312.1.1 Amended: Guards, Where Required.**

17 Section R312.1.1 of the International Residential Code is amended to read as follows:

18 **R312.1.1 Where required.** Guards shall be located along open-sided walking
19 surfaces, including stairs, ramp, landing, deck, porch, patio, driveway and sidewalks that are located
20 more than 30 inches measured vertically to the floor or grade below.

21 A guard shall also be required when the drop off is more than 30 inches within 60
22 inches of the edge of the walking surface. The maximum slope of the grade from walking surface
23 to the drop-off shall be 20% (12 inches). Insect screening shall not be considered as a guard.

24 Section 64. That Title 20 of the Lincoln Municipal Code be amended by adding a
25 new section numbered 20.10.325 to read as follows:

1 **20.10.325 Section R312.1.3 Amended; Guards, Opening Limitations.**

2 Section R312.1.3 of the International Residential Code is amended to read as follows:

3 **R312.1.3 Guard opening limitations.** Required guards on open sides of stairways, raised
4 floor areas, balconies and porches shall have intermediate rails or ornamental closures which do not
5 allow passage of a sphere 5 inches or more in diameter.

6 **Exceptions:**

7 1. The triangular openings formed by the riser, tread and bottom rail of a guard
8 at the open side of a stairway are permitted to be of such a size that a sphere 6 inches cannot pass
9 through.

10 2. Guards on the open side of stairs shall not have openings which allow passage
11 of a sphere 5 inches in diameter.

12 Section 65. That Title 20 of the Lincoln Municipal Code be amended by adding a
13 new section numbered 20.10.330 to read as follows:

14 **20.10.330 Section R313 Deleted; Automatic Fire Sprinkler Systems.**

15 Section R313 of the International Residential Code and all subsections thereof are hereby
16 deleted.

17 Section 66. That Title 20 of the Lincoln Municipal Code be amended by adding a
18 new section numbered 20.10.335 to read as follows:

19 **20.10.335 Section R314.3 Amended; Single- and Multiple-Station Smoke Alarms.**

20 Section R314.3 of the International Residential Code is amended to read as follows:

21 **R314.3 Single- and multiple-station smoke alarms.** Single- and multiple-station smoke
22 alarms shall be installed in the following locations:

23 1. In each sleeping room; and

24 2. On each story of the dwelling, including basements and cellars but not including crawl
25 spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an

1 intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice
2 for the adjacent lower level provided that the lower level is less than one full story below the upper
3 level.

4 When more than one smoke alarm is required to be installed within an individual dwelling
5 unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will
6 activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms
7 over background noise levels with all intervening doors closed.

8 All smoke alarms shall be listed and installed in accordance with the provisions of this code
9 and the household fire warning equipment provisions of NFPA 72.

10 Section 67. That Title 20 of the Lincoln Municipal Code be amended by adding a
11 new section numbered 20.10.340 to read as follows:

12 **20.10.340 Section R314.4 Amended; Smoke Alarms; Power Source.**

13 Section R314.4 of the International Residential Code is amended to read as follows:

14 **R314.4 Power Source.** Smoke alarms shall receive their primary power from the building
15 wiring when such wiring is served from a commercial source, and when primary power is inter-
16 rupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting
17 switch other than those required for overcurrent protection. Smoke alarms shall be interconnected.

18 **Exceptions:**

19 1. Smoke alarms shall be permitted to be battery operated when installed in
20 buildings without commercial power.

21 2. Hard wiring of smoke alarms in existing areas shall not be required where the
22 alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the
23 structure.

24 Section 68. That Title 20 of the Lincoln Municipal Code be amended by adding a
25 new section numbered 20.10.345 to read as follows:

26 **20.10.345 Section R314.5 Amended; Smoke Alarms; Interconnection.**

1 **20.10.355** **Section 317.1 Amended; Protection of Wood and Wood Based Products Against**
2 **Decay; Location Required.**

3 Section R317.1 of the International Residential Code is amended to read as follows:

4 **R317.1 Location required.** Protection of wood and wood based products from decay shall
5 be provided in the following locations by the use of naturally durable wood or wood that is
6 preservative-treated in accordance with AWPA U1 for the species, product, preservative and end
7 use. Preservatives shall be listed in Section 4 of AWPA U1.

8 1. Wood joists or the bottom of a wood structural floor when closer than 18 inches or
9 wood girders when closer than 12 inches to the exposed ground in crawl spaces or unexcavated area
10 located within the periphery of the building foundation.

11 2. All wood framing members that rest on concrete or masonry exterior foundation walls
12 and are less than 8 inches from the exposed ground.

13 3. Sills and sleepers on a concrete or masonry slab that is in direct contact with the
14 ground unless separated from such slab by an impervious moisture barrier.

15 4. The ends of wood girders entering exterior masonry or concrete walls having
16 clearances of less than 1/2 inch on tops, sides and ends.

17 5. Wood siding, sheathing and wall framing on the exterior of a building having a
18 clearance of less than 6 inches from the ground or less than 2 inches measured vertically from
19 concrete steps, porch slabs, patio slabs, and similar horizontal surfaces exposed to the weather.

20 6. Wood structural members supporting moisture-permeable floors or roofs that are
21 exposed to the weather, such as concrete or masonry slabs, unless separated from such floors or
22 roofs by an impervious moisture barrier.

23 7. Wood furring strips or other wood framing members attached directly to the interior
24 of exterior masonry walls or concrete walls below grade.

25 8. Bottom sill plates for bearing walls cannot be imbedded in concrete.

1 Section 71. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.360 to read as follows:

3 **20.10.360 Section R317.1.2 Deleted; Ground Contact.**

4 Section R317.1.2 of the International Residential Code is hereby deleted.

5 Section 72. That Title 20 of the Lincoln Municipal Code be amended by adding a
6 new section numbered 20.10.365 to read as follows:

7 **20.10.365 Section R317.1.4 Amended; Wood Columns.**

8 Section R317.1.4 of the International Residential Code is amended to read as follows:

9 **R317.1.4 Wood columns.** Wood columns shall be approved wood of natural decay
10 resistance or approved pressure-preservative-treated wood. Posts, poles and columns supporting
11 permanent structures shall bear upon a concrete footing and shall not be imbedded in the concrete
12 or in the ground unless approved for such use.

13 **Exceptions:**

14 1. Columns exposed to the weather or in basements when supported by concrete
15 piers or metal pedestals projecting 1 inch above a concrete floor or 6 inches above exposed earth and
16 the earth is covered by an approved impervious moisture barrier.

17 2. Columns in enclosed crawl spaces or unexcavated areas located within the
18 periphery of the building when supported by a concrete pier or metal pedestal at a height more than
19 8 inches from exposed earth and the earth is covered by an impervious moisture barrier.

20 Section 73. That Title 20 of the Lincoln Municipal Code be amended by adding a
21 new section numbered 20.10.370 to read as follows:

22 **20.10.370 Section R319 Amended; Premises Identification.**

23 Section R319 of the International Residential Code is amended to read as follows:

24 **R319 Premises identification.** Approved numbers or addresses shall be provided for all
25 new buildings in such a position as to be plainly visible and legible from the street or road fronting

1 the property. Premises shall have addresses provided on buildings as specified under Chapter 14.24
2 of the Lincoln Municipal Code.

3 Section 74. That Title 20 of the Lincoln Municipal Code be amended by adding a
4 new section numbered 20.10.375 to read as follows:

5 **20.10.375 Section R320 Deleted; Accessibility.**

6 Section R320 of the International Residential Code is hereby deleted.

7 Section 75. That Title 20 of the Lincoln Municipal Code be amended by adding new
8 section numbered 20.10.380 to read as follows:

9 **20.10.380 Section R322 Deleted; Flood-Resistant Construction.**

10 Section R322 of the International Residential Code and all subsections thereof are hereby
11 deleted. Lincoln Municipal Code Chapters 27.52 and 27.53 will apply.

12 Section 76. That Title 20 of the Lincoln Municipal Code be amended by adding a
13 new section numbered 20.10.385 to read as follows:

14 **20.10.385 Section R401.3 Amended; Foundations; Drainage.**

15 **R401.3 Drainage.** Surface drainage shall be diverted to a storm sewer conveyance or other
16 approved point of collection that does not create a hazard. Lots shall be graded to drain surface water
17 away from foundation walls as per the approved grading and drainage plan. The grade from the
18 foundation shall fall a minimum of 6 inches within the first 10 feet. The grade at the property line
19 shall not be changed/altered.

20 **Exception:** Where lot lines, walls, slopes or other physical barriers prohibit 6 inches of fall
21 within 10 feet, drains or swales shall be constructed to ensure drainage away from the structure.
22 Impervious surfaces within 10 feet of the building foundation shall be sloped a minimum of 2
23 percent away from the building.

24 Section 77. That Title 20 of the Lincoln Municipal Code be amended by adding a
25 new section numbered 20.10.390 to read as follows:

1 **20.10.390** **Table R401.4.1 Amended; Load Bearing Values.**

2 Table R401.4.1 of the International Residential Code is amended to read as follows:

3 **TABLE R401.4.1**
4 **PRESUMPTIVE LOAD-BEARING VALUES OF**
5 **FOUNDATION MATERIALS^a**

<u>CLASS OF MATERIAL</u>	<u>LOAD-BEARING PRESSURE (pounds per square foot)</u>
<u>Crystalline bedrock</u>	<u>12,000</u>
<u>Sedimentary and foliated rock</u>	<u>4,000</u>
<u>Sandy gravel and/or gravel (GW and GP)</u>	<u>3,000</u>
<u>Sand, silty sand, clayey sand, silty gravel and clayey gravel (SW, SP, SM, SC, GM and GC)</u>	<u>2,000</u>
<u>Clay, sandy clay, silty clay, clayey silt, silt and sandy silt (CL, ML, MH and CH)</u>	<u>2,000</u>

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16 For SI: 1 pound per square foot = 0.0479 kPa.

17 a. When soil tests are required by Section R401.4, the allowable bearing capacities of the
18 soil shall be part of the recommendations.

19 Section 78. That Title 20 of the Lincoln Municipal Code be amended by adding a
20 new section numbered 20.10.395 to read as follows:

21 **20.10.395** **Section R403.1 Amended; Footings; General.**

22 Section R403.1 of the International Residential Code is amended to read as follows:

23 **R403.1 General.** All exterior walls shall be supported on continuous solid or fully grouted
24 masonry or concrete footings, wood foundations, or other approved structural systems which shall
25 be of sufficient design to accommodate all loads according to Section R301 and to transmit the
26 resulting loads to the soil within the limitations as determined from the character of the soil.
27 Footings shall be supported on undisturbed natural soils or engineered fill. Slabs and monolithic

1 slabs shall not bear on new fill unless compacted. Concrete footings shall be designed and
2 constructed in accordance with the provisions of Section R403 or in accordance with ACI 332.

3 Section 79. That Title 20 of the Lincoln Municipal Code be amended by adding a
4 new section numbered 20.10.400 to read as follows:

5 **20.10.400 Section R403.1.1 Amended; Footings, Minimum Size.**

6 Section R403.1.1 of the International Residential Code is amended to read as follows:

7 **R403.1.1 Minimum size.** Minimum sizes for concrete and masonry footings shall be as set
8 forth in Table R403.1 and Figure R403.1(1). The footing width, W, shall be based on the
9 load-bearing value of the soil in accordance with Table R401.4.1. Spread footings shall be at least
10 8 inches thick. Footing projections, P, shall be at least 2 inches and shall not exceed the thickness
11 of the footing. The size of footings supporting piers and columns shall be based on the tributary load
12 and allowable soil pressure in accordance with Table R401.4.1. Footings for wood foundations shall
13 be in accordance with the details set forth in Section R403.2.

14 Section 80. That Title 20 of the Lincoln Municipal Code be amended by adding a
15 new section numbered 20.10.405 to read as follows:

16 **20.10.405 Table R403.1 Amended; Minimum Width of Footings.**

17 Table R403.1 of the International Residential Code is amended to read as follows:

18 **TABLE R403.1**
19 **MINIMUM WIDTH OF CONCRETE, PRECAST OR**
20 **MASONRY FOOTINGS**
21 **(inches)^a**

	LOAD-BEARING VALUE OF SOIL (psf)
	2,000
Conventional light-frame construction	
1 supported floor	12
2 supported floors	16
3 supported floors	24

4-inch brick veneer over light frame or 8-inch hollow concrete masonry	
1 supported floor	12
2 supported floors	16
3 supported floors	24
8-inch solid or fully grouted masonry	
1 supported floor	12
2 supported floors	21
3 supported floors	32

For SI: 1 inch = 25.4 mm, 1 pound per square foot = 0.0479 kPa.

- a. Where minimum footing width is 12 inches, use of a single wythe of solid or fully grouted 12-inch nominal concrete masonry units is permitted.

Section 81. That Title 20 of the Lincoln Municipal Code be amended by adding a new section numbered 20.10.410 to read as follows:

20.10.410 Figure R403.1(1) Amended; Minimum Footing Reinforcement.

Figure R403.1(1) of the International Residential Code is amended as shown on said figure at the end of this chapter.

Section 82. That Title 20 of the Lincoln Municipal Code be amended by adding a new section numbered 20.10.415 to read as follows:

20.10.415 Section R403.1.3.2 Amended; Slabs-on-Ground with Turned-Down Footings.

Section 403.1.3.2 of the International Residential Code is amended to read as follows:

R403.1.3.2 Slabs-on-ground with turned-down footings. Slabs-on-ground with turned-down footings shall have the minimum of one No. 4 bar at the top and the bottom of the footing.

Section 83 That Title 20 of the Lincoln Municipal Code be amended by adding a new section numbered 20.10.420 to read as follows:

20.10.420 Section R403.1.4.1 Amended; Frost Protection.

Section R403.1.4.1 of the International Residential Code is amended to read as follows:

1 **R403.1.4.1 Frost protection.** Foundation walls, piers and other permanent supports of
2 buildings and structures shall extended below the frost line specified in Table R301.2.(1).

3 **Exceptions:**

4 1. Protection of freestanding accessory structures with an area of 400 square feet or less,
5 of light-framed construction, with an eave height of 10 feet or less shall not be required.

6 2. Protection of freestanding accessory structures with an area of 500 square feet or less,
7 of light-framed construction, with an eave height of 10 feet or less shall be allowed to be a
8 monolithic slab as shown in Figure R403.1(1).

9 3. Decks less than 400 square feet not supported by a dwelling need not be provided
10 with footings that extend below the frost line.

11 Section 84 That Title 20 of the Lincoln Municipal Code be amended by adding a new
12 section numbered 20.10.425 to read as follows:

13 **20.10.425 Section R403.1.6 Amended; Foundation Anchorage.**

14 Section R403.1.6 of the International Residential Code is amended to read as follows:

15 **R403.1.6 Foundation anchorage.** When braced wall panels are supported directly on
16 continuous foundations, the wall wood sill plate or cold-formed steel bottom track shall be anchored
17 to the foundation in accordance with this section.

18 The wood sole plate at exterior walls on monolithic slabs and wood sill plate shall be
19 anchored to the foundation with anchor bolts spaced a maximum of 6 feet on center. There shall be
20 a minimum of two bolts per plate section with one bolt located not more than 12 inches or less than
21 seven bolt diameters from each end of the plate section. In Seismic Design Categories D₀, D₁ and
22 D₂, anchor bolts shall be spaced at 6 feet on center and located within 12 inches of the ends of each
23 plate section at interior braced wall lines when required by Section R602.10.9 to be supported on
24 a continuous foundation. Bolts shall be at least 1/2 inch in diameter and shall extend a minimum of
25 7 inches into masonry or concrete. Interior bearing wall sole plates on monolithic slab foundation
26 shall be positively anchored with approved fasteners. A nut and washer shall be tightened on each

1 bolt of the plate. Sills and sole plates shall be protected against decay and termites where required
2 by Sections R318. Cold-formed steel framing systems shall be fastened to the wood sill plates or
3 anchored directly to the foundation as required in Section R505.3.1.

4 **Exceptions:**

5 1. Foundation anchorage, spaced as required to provide equivalent anchorage to
6 1/2-inch-diameter anchor bolts. “Y” foundation anchor straps are not equivalent.

7 2. Walls 24 inches total length or shorter connecting offset braced wall panels shall be
8 anchored to the foundation with a minimum of one anchor bolt located in the center third of the plate
9 section and shall be attached to adjacent braced wall panels per Figure R602.12.5 at corners.

10 3. Walls 12 inches total length or shorter connecting offset braced wall panels shall be
11 permitted to be connected to the foundation without anchor bolts.

12 Section 85 That Title 20 of the Lincoln Municipal Code be amended by adding a new
13 section numbered 20.10.430 to read as follows:

14 **20.10.430 Section R403.1.7.3 Amended; Foundation Elevation.**

15 Section R403.1.7.3 of the International Residential Code is amended to read as follows:

16 **R403.1.7.3 Foundation elevation.** On graded sites, the top of all exterior foundation walls
17 shall be a minimum of 12 inches higher than the finish grade elevation 10 feet from the perimeter
18 of the foundation. The floor of a walkout basement shall be a minimum of 12 inches higher than the
19 grade 10 feet from the foundation. The top of the foundation wall below a daylight window shall
20 be a minimum of 12 inches higher than the finish grade elevation, 10 feet from the perimeter of the
21 foundation. Alternate elevations are permitted subject to the approval of the Building Official,
22 provided it can be demonstrated that required drainage to the point of discharge and away from the
23 structure is provided at all locations on the site.

24 Section 86 That Title 20 of the Lincoln Municipal Code be amended by adding a new
25 section numbered 20.10.435 to read as follows:

1 **20.10.435** **Section R403.3 and Subsections, Tables and Figures Deleted; Frost Protected**
2 **Shallow Foundations.**

3 Section R403.3 of the International Residential Code and all subsections, tables, and figures
4 under said Section R403.3 are hereby deleted.

5 Section 87. That Title 20 of the Lincoln Municipal Code be amended by adding a
6 new section numbered 20.10.440 to read as follows:

7 **20.10.440** **Section R403.4.1 Deleted; Crushed Stone Footings.**

8 Section 403.4.1 of the International Residential Code is hereby deleted.

9 Section 88. That Title 20 of the Lincoln Municipal Code be amended by adding a
10 new section numbered 20.10.445 to read as follows:

11 **20.10.445** **Table R403.4 Deleted; Minimum Depth of Crushed Stone Footings.**

12 Table 403.4 of the International Residential Code is hereby deleted.

13 Section 89. That Title 20 of the Lincoln Municipal Code be amended by adding a
14 new section numbered 20.10.450 to read as follows:

15 **20.10.450** **Table R404.1.1(1) Deleted; Plain Masonry Foundation Walls.**

16 Table R401.1(1) Of the International Residential Code is hereby deleted.

17 Section 90. That Title 20 of the Lincoln Municipal Code be amended by adding a
18 new section numbered 20.10.455 to read as follows:

19 **20.10.455** **Figure R404.1.1(3) Added; Permanent Masonry Foundation Basement Wall**
20 **Section.**

21 Figure R404.1.1(3) is added to the International Residential Code as shown on said figure
22 at the end of this chapter.

23 Section 91. That Title 20 of the Lincoln Municipal Code be amended by adding a
24 new section numbered 20.10.460 to read as follows:

25 **20.10.460** **Table R404.1.2 (1) Deleted; Minimum Horizontal Reinforcement for Concrete**
26 **Basement Walls.**

27 Table R404.1.2(1) of the International Residential Code is hereby deleted.

1 Section 92. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.465 to read as follows:

3 **20.10.465 Table R404.1.2(2) Deleted; Minimum Vertical Reinforcement for 6-inch**
4 **Nominal Flat Concrete Basement Walls.**

5 Table R404.1.2 (2) of the International Residential Code is hereby deleted.

6 Section 93. That Title 20 of the Lincoln Municipal Code be amended by adding a
7 new section numbered 20.10.470 to read as follows:

8 **20.10.470 Table R404.1.2(3) Deleted; Minimum Vertical Reinforcement for 8-inch**
9 **Nominal Flat Concrete Basement Walls.**

10 Table R404.1.2(3) of the International Residential Code is hereby deleted.

11 Section 94. That Title 20 of the Lincoln Municipal Code be amended by adding a
12 new section numbered 20.10.475 to read as follows:

13 **20.10.475 Table R404.1.2(4) Deleted; Minimum Vertical Reinforcement for 10-inch**
14 **Nominal Flat Concrete Basement Walls.**

15 Table R404.1.2(4) of the International Residential Code is hereby deleted.

16 Section 95. That Title 20 of the Lincoln Municipal Code be amended by adding a
17 new section numbered 20.10.480 to read as follows:

18 **20.10.480 Table R404.1.2(8) Deleted; Minimum Vertical Reinforcement for 6-, 8-, 10-**
19 **inch and 12-inch Nominal Flat Basement Walls.**

20 Table R404.1.2(8) of the International Residential Code is hereby deleted.

21 Section 96. That Title 20 of the Lincoln Municipal Code be amended by adding a
22 new section numbered 20.10.485 to read as follows:

23 **20.10.485 Table R404.1.2(9) Deleted; Minimum Spacing for Alternate Bar Size and/or**
24 **Alternate Grade of Steel.**

25 Table R404.1.2(9) of the International Residential Code is hereby deleted.

26 Section 97. That Title 20 of the Lincoln Municipal Code be amended by adding a
27 new section numbered 20.10.490 to read as follows:

1 **20.10.490** **Section R404.1.2.2 Amended; Reinforcement for Foundation Walls.**

2 Section R404.1.2.2 of the International Residential Code is amended to read as follows:

3 **R404.1.2.2 Reinforcement for foundation walls.** Concrete foundation walls shall be
4 laterally supported at the top and bottom and vertical reinforcement shall be provided in accordance
5 with Figures R404.1.2.2(1) and R404.1.2.2(2).

6 Section 98. That Title 20 of the Lincoln Municipal Code be amended by adding a
7 new section numbered 20.10.495 to read as follows:

8 **20.10.495** **Figures R404.1.2.2(1) and R404.1.2.2(2) Added; Reinforcement for Foundation**
9 **Walls.**

10 Figure R404.1.2.2(1) and Figure R404.1.2.2(2) are added to the International Residential
11 Code as shown on said figures at the end of this chapter per 2012 code review.

12 Section 99. That Title 20 of the Lincoln Municipal Code be amended by adding a
13 new section numbered 20.10.500 to read as follows:

14 **20.10.500** **Figure R404.1.2.2.1 Added; Deadman/4 foot Concrete Wall.**

15 Figure R404.1.2.2.1 is added to the International Residential Code as shown on said figure
16 at the end of this chapter.

17 Section 100. That Title 20 of the Lincoln Municipal Code be amended by adding a
18 new section numbered 20.10.505 to read as follows:

19 **20.10.505** **Section R404.1.5.2 Amended; Concrete Wall Thickness.**

20 Section R404.1.5.2 of the International Residential Code is amended to read as follows:

21 **R404.1.5.2 Concrete wall thickness.** The thickness of concrete foundation walls shall be
22 equal to or greater than the thickness of the wall in the story above. Concrete foundation walls with
23 corbels, brackets or other projections built into the wall for support of masonry veneer or other
24 purposes are not within the scope of the tables in this section.

25 Where a concrete foundation wall is reduced in thickness to provide a 4-inch shelf for the
26 support of masonry veneer or a bearing ledge for joists, the reduced thickness of the wall shall not

1 be less than 6 inches. Vertical reinforcement shall be based on the thickness of the thinner portion
2 of the wall.

3 **Exception:** Where the height of the reduced thickness portion measured to the underside of
4 the floor assembly or sill plate above is less than or equal to 24 inches and the reduction in thickness
5 does not exceed 4 inches, the vertical reinforcement is permitted to be based on the thicker portion
6 of the wall.

7 Section 101. That Title 20 of the Lincoln Municipal Code be amended by adding a
8 new section numbered 20.10.510 to read as follows:

9 **20.10.510 Figure R404.1.5.2 Added; Garage Stub Wall Foundation Detail.**

10 Figure R404.1.5.2 is added to the International Residential Code as shown on said figure at
11 the end of this chapter.

12 Section 102. That Title 20 of the Lincoln Municipal Code be amended by adding a
13 new section numbered 20.10.515 to read as follows:

14 **20.10.515 Section R408.7 Deleted; Flood Resistance.**

15 Section R408.7 of the International Residential Code is hereby deleted.

16 Section 103. That Title 20 of the Lincoln Municipal Code be amended by adding a
17 new section numbered 20.10.520 to read as follows:

18 **20.10.520 Section R501.3 Deleted; Fire Protection of Floors.**

19 Section R501.3 of the International Residential Code is hereby deleted.

20 Section 104. That Title 20 of the Lincoln Municipal Code be amended by adding a
21 new section numbered 20.10.525 to read as follows:

22 **20.10.525 Section R502.2.3 Amended; Deck Lateral Load Connection.**

23 Section R502.2.3 of the International Residential Code is amended to read as follows:

24 **R502.2.2.3 Deck lateral load connection.** The lateral load connection required by Section
25 R502.2.2 shall be permitted to be in accordance with Figure R502.2.2.3. Hold-down tension devices

1 shall be installed in not less than two locations per deck, and each device shall have an allowable
2 stress design capacity of not less than 1,500 pounds.

3 **Exception:** Hold down tension devices shall not be required when a 2x4 diagonal brace is
4 installed on the underside of the floor joist, tying all joists together, including the ledger.

5 Section 105. That Title 20 of the Lincoln Municipal Code be amended by adding a
6 new section numbered 20.10.530 to read as follows:

7 **20.10.530 Section R502.3 Amended; Allowable Joist Spans.**

8 Section R502.3 of the International Residential Code is amended to read as follows:

9 **R502.3 Allowable joist spans.** Spans for floor joists shall be in accordance with Table
10 R502.3.1(2). For other grades and species and for other loading conditions, refer to the AF&PA
11 Span Tables for Joists and Rafters.

12 **R502.3.1 Sleeping areas and attic joists; Deleted.**

13 **R502.3.2 Other floor joists; Deleted.**

14 **R502.3.3 Floor cantilevers; Deleted.**

15 **Table R502.3.1(1) Floor Joist Spans for Common Lumber Species, 30 psf; Deleted.**

16 **Table R502.3.3(1) Cantilever Spans for Floor Joists Supporting Light-Frame Exterior**
17 **Bearing Wall and Roof Only; Deleted.**

18 **Table R502.3.3(2) Cantilever Spans for Floor Joists Supporting Exterior Balcony;**
19 **Deleted.**

20 Section 106. That Title 20 of the Lincoln Municipal Code be amended by adding a
21 new section numbered 20.10.535 to read as follows:

22 **20.10.535 Section R502.7 Amended; Lateral Restraint at Supports.**

23 Section R502.7 of the International Residential Code is amended to read as follows:

24 **R502.7 Lateral restraint at supports.** Joists shall be supported laterally at the ends by full-
25 depth solid blocking not less than 2 inches nominal in thickness; or by attachment to a header, band,

1 or rim joist, or to an adjoining stud, or the floor sheathing and interior bearing partitions; or shall
2 be otherwise provided with lateral support to prevent rotation.

3 **Exception:** Trusses, structural composite lumber, structural glued-laminated
4 members and I-joists shall be supported laterally as required by the manufacturer's recommenda-
5 tions.

6 **R502.7.1 Bridging.** Joists exceeding a nominal 2 by 8 inches shall be supported laterally
7 by solid blocking, diagonal bridging (wood or metal), or a continuous 1-inch-by-3-inch strip nailed
8 across the bottom of the joists perpendicular to joists at intervals not to exceed 8 feet. Dimensional
9 lumber shall be supported laterally by solid blocking, diagonal bridging (wood or metal), or a
10 continuous 1-inch-by-3-inch strip nailed across the bottom of joists perpendicular to joists at
11 intervals not exceeding 8 feet.

12 **Exception:** Trusses, structural composite lumber, structural glued-laminated
13 members and I-joists shall be supported laterally as required by the manufacturer's recommen-
14 dations.

15 Section 107. That Title 20 of the Lincoln Municipal Code be amended by adding a
16 new section numbered 20.10.540 to read as follows:

17 **20.10.540 Section R502.10 Amended; Framing of Openings.**

18 Section R502.10 of the International Residential Code is amended to read as follows:

19 **R502.10 Framing of openings.** Openings in floor framing shall be framed with a header
20 and trimmer joists. When the header joist span does not exceed 4 feet, the header joist may be a
21 single member the same size as the floor joist. Single trimmer joists may be used to carry a single
22 header joist that is located within 3 feet of the trimmer joist bearing. When the header joist span
23 exceeds 4 feet, the trimmer joists and the header joist shall be doubled and of sufficient cross section
24 to support the floor joists framing into the header. Approved hangers shall be used for the header
25 joist to trimmer joist connection. Tail joists over 12 feet long shall be supported at the header by
26 framing anchors or on ledger strips not less than 2 inches by 2 inches.

1 Section 108. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.545 to read as follows:

3 **20.10.545** **Table R602.3(1) Amended; Fastener Schedule for Structural Members.**

4 Table R602.3(1) of the International Residential Code is amended as follows:

TABLE R602.3(1)
FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER ^{a, b, c}	SPACING OF FASTENERS
Roof			
1	Blocking between joists or rafters to top plate, toe nail	3-8d (2 ¹ / ₂ " × 0.113")	—
2	Ceiling joists to plate, toe nail	3-8d (2 ¹ / ₂ " × 0.113")	—
3	Ceiling joists not attached to parallel rafter, laps over partitions, face nail	3-10d	—
4	Collar tie to rafter, face nail or 1 ¹ / ₄ " × 20 gage ridge strap	3-10d (3" × 0.128")	—
5	Rafter to plate, toe nail	3-16d box nails (3 ¹ / ₂ " × 0.135") or 3-10d common nails (3" × 0.148")	4 toe nails on one side and 1 toe nail on opposite side of each rafter or truss ⁱ
6	Roof rafters to ridge, valley or hip rafters: toe nail face nail	4-16d (3 ¹ / ₂ " × 0.135") 3-16d (3 ¹ / ₂ " × 0.135")	—
Wall			
7	Built-up studs-face nail	10d (3" × 0.128")	24" o.c.
8	Abutting studs at intersecting wall corners, face nail	16d (3 ¹ / ₂ " × 0.135")	12" o.c.
9	Built-up header, two pieces with 1/2" spacer	16d (3 ¹ / ₂ " × 0.135")	16" o.c. along each edge
10	Continued header, two pieces	16d (3 ¹ / ₂ " × 0.135")	16" o.c. along each edge
11	Continuous header to stud, toe nail	4-8d (2 ¹ / ₂ " × 0.113")	—
12	Double studs, face nail	10d (3" × 0.128")	24" o.c.
13	Double top plates, face nail	10d (3" × 0.128")	24" o.c.
14	Double top plates, minimum 24-inch offset of end joints, face nail in lapped area	8-16d (3 ¹ / ₂ " × 0.135")	—
15	Sole plate to joist or blocking, face nail	16d (3 ¹ / ₂ " × 0.135")	16" o.c.
16	Sole plate to joist or blocking at braced wall panels	3-16d (3 ¹ / ₂ " × 0.135")	16" o.c.
17	Stud to sole plate, toe nail	3-8d (2 ¹ / ₂ " × 0.113") or 2-16d (3 ¹ / ₂ " × 0.135")	—
18	Top or sole plate to stud, end nail	2-16d (3 ¹ / ₂ " × 0.135")	—
19	Top plates, laps at corners and intersections, face nail	2-10d (3" × 0.128")	—
20	1" brace to each stud and plate, face nail	2-8d (2 ¹ / ₂ " × 0.113") 2 staples 1 ³ / ₄ " ×	—
21	1" × 6" sheathing to each bearing, face nail	2-8d (2 ¹ / ₂ " × 0.113") 2 staples 1 ³ / ₄ "	—

ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER ^{a, b, c}	SPACING OF FASTENERS
1 22	1" x 8" sheathing to each bearing, face nail	2-8d (2 ¹ / ₂ " x 0.113") 3 staples 1 ³ / ₄ "	—
2 23	Wider than 1" x 8" sheathing to each bearing, face nail	3-8d (2 ¹ / ₂ " x 0.113") 4 staples 1 ³ / ₄ "	—
Floor			
3 4 24	Joist to sill or girder, toe nail	3-8d (2 ¹ / ₂ " x 0.113")	—
5 25	Rim joist to top plate, toe nail (roof applications also)	8d (2 ¹ / ₂ " x 0.113")	6" o.c.
6 26	Rim joist or blocking to sill plate, toe nail	8d (2 ¹ / ₂ " x 0.113")	6" o.c.
7 27	1" x 6" subfloor or less to each joist, face nail	2-8d (2 ¹ / ₂ " x 0.113") 2 staples 1 ³ / ₄ "	— —
8 28	2" subfloor to joist or girder, blind and face nail	2-16d (3 ¹ / ₂ " x 0.135")	—
9 29	2" planks (plank & beam - floor & roof)	2-16d (3 ¹ / ₂ " x 0.135")	at each bearing
10 30	Built-up girders and beams, 2-inch lumber layers	10d (3" x 0.128")	Nail each layer as follows: 32" o.c. at top and bottom and staggered. Two nails at ends and at each splice.
11 31	Ledger strip supporting joists or rafters	3-16d (3 ¹ / ₂ " x 0.135")	At each joist or rafter

ITEM	DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER ^{b, c, e}	SPACING OF FASTENERS	
			Edges (inches) ⁱ	Intermediate supports ^{c, e} (inches)
Wood structural panels, subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing				
12 13 14 32	³ / ₈ " - ¹ / ₂ "	6d common (2" x 0.113") nail (subfloor wall) ^j 8d common (2 ¹ / ₂ " x 0.131") nail (roof) ^f	6	12 ^g
15 33	¹⁹ / ₃₂ " - 1"	8d common nail (2 ¹ / ₂ " x 0.131")	6	12 ^g
16 17 34	1 ¹ / ₈ " - 1 ¹ / ₄ "	10d common (3" x 0.148") nail or 8d (2 ¹ / ₂ " x 0.131") deformed nail	6	12
Other wall sheathing^h				
18 19 35	¹ / ₂ " structural cellulosic fiberboard sheathing	1 ¹ / ₂ " galvanized roofing nail, ⁷ / ₁₆ " crown or 1" crown staple 16 ga., 1 ¹ / ₄ " long	3	6
20 36	²⁵ / ₃₂ " structural cellulosic fiberboard sheathing	1 ³ / ₄ " galvanized roofing nail, ⁷ / ₁₆ " crown or 1" crown staple 16 ga., 1 ¹ / ₂ " long	3	6
21 37	¹ / ₂ " gypsum sheathing ^d	1 ¹ / ₂ " galvanized roofing nail; staple galvanized, 1 ¹ / ₂ " long; 1 ¹ / ₄ " screws, Type W or S	7	7

1	38	$\frac{5}{8}$ " gypsum sheathing ^d	$1\frac{3}{4}$ " galvanized roofing nail; staple galvanized, $1\frac{5}{8}$ " long; $1\frac{5}{8}$ " screws, Type W or S	7	7
Wood structural panels, combination subfloor underlayment to framing					
2	39	$\frac{3}{4}$ " and less	6d deformed (2" × 0.120") nail or 8d common ($2\frac{1}{2}$ " × 0.131") nail	6	12
3	40	$\frac{7}{8}$ " - 1"	8d common ($2\frac{1}{2}$ " × 0.131") nail or 8d deformed ($2\frac{1}{2}$ " × 0.120") nail	6	12
4	41	$1\frac{1}{8}$ " - $1\frac{1}{4}$ "	10d common (3" × 0.148") nail or 8d deformed ($2\frac{1}{2}$ " × 0.120") nail	6	12

5 For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s; 1 Ksi = 6.895 MPa.

- 6 a. All nails are smooth-common, box or deformed shanks except where otherwise stated. Nails used for framing
7 and sheathing connections shall have minimum average bending yield strengths as shown: 80 ksi for shank
8 diameter of 0.192 inch (20d common nail), 90 ksi for shank diameters larger than 0.142 inch but not larger
9 than 0.177 inch, and 100 ksi for shank diameters of 0.142 inch or less.
- 10 b. Staples are 16 gage wire and have a minimum $\frac{7}{16}$ -inch on diameter crown width.
- 11 c. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.
- 12 d. Four-foot by 8-foot or 4-foot by 9-foot panels shall be applied vertically.
- 13 e. Spacing of fasteners not included in this table shall be based on Table R602.3(2).
- 14 f. For regions having basic wind speed of 110 mph or greater, 8d deformed ($2\frac{1}{2}$ " × 0.120) nails shall be used for
15 attaching plywood and wood structural panel roof sheathing to framing within minimum 48-inch distance from
16 gable end walls, if mean roof height is more than 25 feet, up to 35 feet maximum.
- 17 g. For regions having basic wind speed of 100 mph or less, nails for attaching wood structural panel roof
18 sheathing to gable end wall framing shall be spaced 6 inches on center. When basic wind speed is greater than
19 100 mph, nails for attaching panel roof sheathing to intermediate supports shall be spaced 6 inches on center
20 for minimum 48-inch distance from ridges, eaves and gable end walls; and 4 inches on center to gable end wall
21 framing.
- 22 h. Gypsum sheathing shall conform to ASTM C 1396 and shall be installed in accordance with GA 253. Fiberboard
23 sheathing shall conform to ASTM C 208.
- 24 i. Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and
25 required blocking and at all floor perimeters only. Spacing of fasteners on roof sheathing panel edges applies
26 to panel edges supported by framing members and required blocking. Blocking of roof or floor sheathing panel
27 edges perpendicular to the framing members need not be provided except as required by other provisions of
28 this code. Floor perimeter shall be supported by framing members or solid blocking.
- 29 j. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule, provide two
30 toe nails on one side of the rafter and toe nails from the ceiling joist to top plate in accordance with this
31 schedule. The toe nail on the opposite side of the rafter shall not be required.

1 Section 109. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.550 to read as follows:

3 **20.10.550 Figure R602.10.3.5 Added; Alternate Braced Wall Panel at Garage Door**
4 **Openings.**

5 Figure R602.10.3.5 is added to the International Residential Code as shown on said figure at
6 the end of this chapter.

7 Section 110. That Title 20 of the Lincoln Municipal Code be amended by adding a
8 new section numbered 20.10.555 to read as follows:

9 **20.10.555 Figure R602.10.4 Added; Braced Walls Using Continuous OSB Sheathing.**

10 Figure R602.10.3.5 is added to the International Residential Code as shown on said figure at
11 the end of this chapter.

12 Section 111. That Title 20 of the Lincoln Municipal Code be amended by adding a
13 new section numbered 20.10.560 to read as follows:

14 **20.10.560 Section R702.7 Amended; Vapor Retarders.**

15 Section R702.7 of the International Residential Code is amended to read as follows:

16 **R702.7 Vapor retarders.** Class I or II vapor retarders are not permitted on the interior side of
17 exterior walls.

18 Section 112. That Title 20 of the Lincoln Municipal Code be amended by adding a
19 new section numbered 20.10.565 to read as follows:

20 **20.10.565 Section R703.1 Amended; Exterior Covering; General.**

21 Section R703.1 of the International Residential Code is amended to read as follows:

22 **R703.1 General.** To promote building durability, exterior walls shall provide the building with
23 a weather-resistant exterior wall envelope. The exterior wall envelope shall include flashing as
24 described in Section R703.8. The envelope shall provide proper integration of flashings with the

1 WRB and the exterior veneer. These components, in conjunction, shall provide a means of draining
2 water that enters the assembly to the exterior.

3 Exterior walls shall provide the building with a weather-resistant exterior wall envelope. The
4 exterior wall envelope shall include flashing as described in Section R703.8. The exterior wall
5 envelope shall be designed and constructed in such a manner as to prevent the accumulation of water
6 within the wall assembly by providing a water-resistive barrier behind the exterior veneer as
7 required by Section R703.2.

8 Any deteriorated or rotting veneer shall be removed prior to installing new veneer. An approved
9 weather barrier shall be installed prior to overlaying with a new veneer product.

10 Section 113. That Title 20 of the Lincoln Municipal Code be amended by adding a
11 new section numbered 20.10.570 to read as follows:

12 **20.10.570 Section R703.2 Amended; Water Resistive Barrier.**

13 Section R703.2 of the International Residential Code is amended to read as follows:

14 **R703.2 Water-resistive barrier.** One layer of water-resistive barrier, (WRB) free from holes,
15 complying with ASTM E2556 for type II WRB shall be applied over sheathing of all exterior walls.
16 Such WRB shall be applied horizontally, with the upper layer lapped over the lower layer not less
17 than 2 inches. Where vertical joints occur, the WRB shall be lapped not less than 6 inches. The
18 WRB shall be continuous to the top of walls and terminated at penetrations and building appendages
19 in a manner to meet the requirements of the exterior wall envelope as described in Section R703.1.

20 Manufactured and natural adhered masonry veneer and stucco shall be installed over an
21 approved rain screen (drainage system) that has a minimum depth of 1/8 inch. The 1/8 inch space
22 shall be formed by the use of any non-corrodible furring strip, drainage mat or drainage board. A
23 water-resistant barrier shall be installed between the rain screen and the wall sheathing. Flashing
24 shall be installed in accordance with Section R703.8. No. 15 asphalt shall not be permitted as a
25 water-resistant barrier for adhered veneer and stucco.

1 **Exceptions:**

2 1. A space is not required where the exterior veneer is installed with a second WRB
3 complying with Section R703.2 which is manufactured in a manner to enhance drainage and meets
4 the 75% efficiency drainage requirement of ASTM E2273, ICC-ES, AC24, ICC-ES, AC235 or other
5 recognized national standards and is installed over a WRB complying with Section 703.2.

6 2. The water-resistive barrier for detached accessory buildings less than 120 square foot
7 is not required.

8 Section 114. That Title 20 of the Lincoln Municipal Code be amended by adding a
9 new section numbered 20.10.575 to read as follows:

10 **20.10.575 Section R703.6.3 Amended; Water-Resistive Barriers.**

11 Section R703.6.3 of the International Residential Code is amended to read as follows:

12 **R703.6.3 Water-resistive barriers.** A water-resistive barrier shall be installed as required in
13 Section R703.2 with an approved rain screen (drainage system) that has either a minimum depth of
14 1/8 inch or has an average minimum drainage efficiency of 90 percent when tested in accordance
15 with ASTM E 2271. The WRB shall be installed between the rain screen and the wall sheathing.
16 Flashing shall be installed in accordance with Section R703.8. No. 15 asphalt shall not be permitted
17 as a water-resistant barrier.

18 Section 115. That Title 20 of the Lincoln Municipal Code be amended by adding a
19 new section numbered 20.10.580 to read as follows:

20 **20.10.580 Table R703.7.3.1 Deleted; Allowable Spans for Lintels Supporting Masonry**
21 **Veneer.**

22 Table R703.7.3.1 of the International Residential Code is hereby deleted.

23 Section 116. That Title 20 of the Lincoln Municipal Code be amended by adding a
24 new section numbered 20.10.585 to read as follows:

1 **20.10.585** **Section R703.7.3 Deleted; Lintels.**

2 Section R703.7.3 of the International Residential Code is hereby deleted.

3 Section 117. That Title 20 of the Lincoln Municipal Code be amended by adding a
4 new section numbered 20.10.590 to read as follows:

5 **20.10.590** **Section R703.7.4 Amended; Anchorage.**

6 Section R703.7.4 of the International Residential Code is amended to read as follows:

7 **R703.7.4** Anchors, supports and ties shall be noncombustible and corrosion resistant. When
8 the terms “corrosion resistant” or “noncorrosive” are used in this section, they shall mean having
9 a corrosion resistance equal to or greater than a hot-dipped galvanized coating of 1.5 ounces of zinc
10 per square foot of surface area. When an element is required to be corrosive resistant or non-
11 corrosive, all of its parts, such as screws, nails, wire, dowels, bolts, nuts, washers, shims, anchors,
12 ties and attachments, shall be corrosion resistant.

13 Section 118. That Title 20 of the Lincoln Municipal Code be amended by adding a
14 new section numbered 20.10.595 to read as follows:

15 **20.10.595** **Section R703.7.4.2 Deleted; Air Space.**

16 Section R703.4.2 of the International Residential Code is hereby deleted.

17 Section 119. That Title 20 of the Lincoln Municipal Code be amended by adding a
18 new section numbered 20.10.600 to read as follows:

19 **20.10.600** **Figure R703.7 Deleted; Masonry Veneer Wall Details.**

20 Figure R703.7 of the International Residential Code is hereby deleted.

21 Section 120. That Title 20 of the Lincoln Municipal Code be amended by adding a
22 new section numbered 20.10.605 to read as follows:

1 **20.10.605** **Section R703.7.5 Amended; Flashing.**

2 Section R703.7.5 of the International Residential Code is amended to read as follows:

3 **R703.7.5 Flashing.** Flashing shall be located beneath the first course of masonry above
4 finished ground level above the foundation wall or slab and at other points of support, including
5 structural floors, shelf angles and lintels when masonry veneers are designed in accordance with
6 Section R703.7. See Section R703.8 for additional requirements.

7 **Exception:** The requirements of R703.7.5 may be deleted if a poured concrete
8 foundation is used with a minimum 8-inch brickledge drop and all exterior window and door
9 openings are caulked with sealant.

10 Section 121. That Title 20 of the Lincoln Municipal Code be amended by adding a
11 new section numbered 20.10.610 to read as follows:

12 **20.10.610** **Section R703.7.6 Amended; Weepholes.**

13 Section R703.7.6 of the International Residential Code is amended to read as follows:

14 **R703.7.6 Weepholes.** Weepholes shall be provided in the outside wythe of masonry walls at
15 a maximum spacing of 33 inches on center. Weepholes shall not be less than 3 /16 inch in diameter.
16 Weepholes shall be located immediately above the flashing.

17 **Exception:** The requirements of R703.7.6 may be deleted if a poured concrete
18 foundation is used with a minimum 8-inch brickledge drop and all exterior window and door
19 openings are flashed per 703.8 amended.

20 Section 122. That Title 20 of the Lincoln Municipal Code be amended by adding a
21 new section numbered 20.10.615 to read as follows:

1 **20.10.615 Section R703.8 Amended; Flashing.**

2 Section R703.8 of the International Residential Code is amended to read as follows:

3 **R703.8 Flashing.** Approved corrosion-resistive flashing shall be provided in the exterior wall
4 envelope in such a manner as to prevent entry of water into the wall cavity or penetration of water
5 to the building structural framing components. The flashing shall extend to the surface of the
6 exterior wall finish and shall be installed to prevent water from reentering the exterior wall envelope.

7 Approved corrosion-resistant flashings shall be installed at all of the following locations:

- 8 1. At top of all exterior window and door openings in such a manner as to be leakproof.
- 9 2. At the intersection of chimneys or other masonry construction with frame or stucco
10 walls, with projecting lips on both sides under stucco copings.
- 11 3. Under and at the ends of masonry, copings and sills.
- 12 4. Continuously above all projecting wood or composite trim.
- 13 5. Where exterior porches, decks or stairs attach to a wall or floor assembly of wood-
14 frame construction.
- 15 6. At wall and roof intersections.
- 16 7. At built-in gutters.

17 **Exceptions:**

- 18 1. The requirements of subparagraph 3 above may be deleted if a poured
19 concrete foundation is used with a minimum 8-inch brickledge drop.
- 20 2. The requirements of subparagraph 3 above may be deleted where soffits serve
21 as protection for the upper course of brick veneer.

22 Section 123. That Title 20 of the Lincoln Municipal Code be amended by adding a
23 new section numbered 20.10.620 to read as follows:

24 **20.10.620 Section R703.9.2.1 Amended; Water-Resistive Barrier.**

1 Section R703.9.2.1 of the International Residential Code is amended to read as follows:

2 **R703.9.2.1** The water-resistive barrier shall comply with Section R703.2 or ASTM E 2570. No.
3 15 asphalt shall not be permitted as a water-resistive barrier.

4 Section 124. That Title 20 of the Lincoln Municipal Code be amended by adding a
5 new section numbered 20.10.625 to read as follows:

6 **20.10.625 Section R703.9.2.2 Amended; Installation.**

7 Section R703.9.2.2 of the International Residential Code is amended to read as follows:

8 **R703.9.2.2 Installation:** The water-resistive barrier shall be applied between the drainage
9 system and the wall sheathing as per 703.6.3.

10 Section 125. That Title 20 of the Lincoln Municipal Code be amended by adding a
11 new section numbered 20.10.630 to read as follows:

12 **20.10.630 Section R703.12.1 Amended; Adhered Masonry Veneer; Clearances.**

13 Section R703.12.1 of the International Residential Code is hereby amended to read as follows:

14 **R703.12.1 Clearances.**

15 1. The minimum clearance from the adhered masonry to a concrete stoop is 1/2 inch.

16 2. The minimum clearance from the rain screen flashing at the bottom of adhered
17 masonry to a sidewalk or driveway is 1/2 inch. A 1 1/2 inch thick expansion joint is required
18 between the foundation and the sidewalk or driveway. The stone veneer on the bottom 6 inches
19 shall not project beyond the edge of the sidewalk or driveway.

20 3. The minimum clearance from the rain screen flashing at the bottom of the adhered
21 masonry to grade shall be 1 1/2 inch.

22 4. The adhered masonry at the top of the rain screen shall provide a minimum of 1/4
23 inch opening to the soffit to vent the rain screen.

1 Section 126. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.635 to read as follows:

3 **20.10.635 Section R703.12.3 Added; Adhered Masonry Veneer; Water-Resistive Barrier.**

4 Section R703.12.3 is added to the International Residential Code to read as follows:

5 **R703.12.1 Water-resistive barrier.** A water-resistive vapor-permeable barrier complying with
6 ASTM E2556 for Type II water-resistive barrier shall be installed as required in Section R703.2 with
7 an approved rain screen (drainage system) that has either a minimum depth of 1/8 inch or has an
8 average minimum drainage efficiency of 90 percent when tested in accordance with ASTM E 2273.
9 The WRB shall be installed between the rain screen and the wall sheathing. Flashing shall be
10 installed in accordance with Section R703.8. No. 15 asphalt shall not be permitted as a water-
11 resistant barrier.

12 Section 127. That Title 20 of the Lincoln Municipal Code be amended by adding a
13 new section numbered 20.10.640 to read as follows:

14 **20.10.640 Section R802.3 Amended; Framing Details.**

15 Section R802.3 of the International Residential Code is amended to read as follows:

16 **R802.3 Framing details.** Rafters shall be framed to ridge board or to each other with a gusset
17 plate as a tie. Ridge board shall be at least 1-inch nominal thickness and not less in depth than the
18 cut end of the rafter. At all valleys and hips there shall be a valley or hip rafter not less than 2-inch
19 nominal thickness and not less in depth than the cut end of the rafter. Hip and valley rafters shall
20 be supported at the ridge by a brace to a bearing partition or be designed to carry and distribute the
21 specific load at that point. Where the roof pitch is less than three units vertical in 12 units horizontal
22 (25-percent slope), structural members that support rafters and ceiling joists, such as ridge beams,
23 hips and valleys, shall be designed as beams.

24 A roof that is over framed on a lower roof shall bear on a ledger board. The ledger board shall
25 be a minimum of 2x6 inches and shall be located on the inside of the heel cut. On existing roofs the

1 roof covering shall be removed to allow the ledger board to bear on the roof sheathing and rafters.
2 The framed roof shall comply with R802.11.

3 Section 128. That Title 20 of the Lincoln Municipal Code be amended by adding a
4 new section numbered 20.10.645 to read as follows:

5 **20.10.645 Section R802.11.1 Amended; Roof Tie-Down; Uplift Resistance.**

6 Section R802.11.1 of the International Residential Code is amended to read as follows:

7 **R802.11.1 Uplift resistance.** Roof assemblies shall have uplift resistance in accordance with
8 Sections R802.11.1.2 and R802.11.1.3.

9 Where the uplift force does not exceed 200 pounds, rafters spaced not more than 24 inches on
10 center shall be permitted to be attached to their supporting wall assemblies in accordance with Table
11 R602.3(1).

12 Where the basic wind speed does not exceed 90 mph, the wind exposure category is B, the roof
13 pitch is 5:12 or greater, and the roof space in 32 feet or less, rafters spaced not more than 24 inches
14 on center shall be permitted to be attached to their supporting wall assemblies in accordance with
15 Table R602.3(1).

16 Section 129. That Title 20 of the Lincoln Municipal Code be amended by adding a
17 new section numbered 20.10.650 to read as follows:

18 **20.10.650 Section R802.11.1.2 Amended; Roof Tie-Down; Truss Uplift Resistance.**

19 Section R802.11.1.2 of the International Residential Code is amended to read as follows:

20 **R802.11.1.2 Truss uplift resistance.** Trusses shall be attached to supporting wall assemblies
21 by metal strap connections capable of resisting uplift forces as specified on the truss design
22 drawings. Uplift forces shall be permitted to be determined as specified by Table R802.11, if
23 applicable, or as determined by accepted engineering practice.

24 Section 130. That Title 20 of the Lincoln Municipal Code be amended by adding a
25 new section numbered 20.10.655 to read as follows:

1 **20.10.655 Section R806.5 Amended; Unvented Attic and Unvented Enclosed Rafter**
2 **Assemblies.**

3 Section R806.5 of the International Residential Code is amended to read as follows:

4 **R806.5 Unvented attic and unvented enclosed rafter assemblies.** Unvented attic
5 assemblies (spaces between the ceiling joists of the top story and the roof rafters) and unvented
6 enclosed rafter assemblies (spaces between ceilings that are applied directly to the underside of roof
7 framing members/rafters and the structural roof sheathing at the top of the roof framing members/
8 rafters) shall be permitted if all the following conditions are met:

- 9 1. The unvented attic space is completely contained within the building thermal envelope.
- 10 2. No interior Class I vapor retarders or Kraft face batt insulation are installed on the
11 ceiling side (attic floor) of the unvented attic assembly or on the ceiling side of the
12 unvented enclosed rafter assembly.
- 13 3. Where wood shingles or shakes are used, a minimum 1/4-inch vented air space
14 separates the shingles or shakes and the roofing underlayment above the structural
15 sheathing.
- 16 4. In Climate Zones 5, 6, 7 and 8, any air-impermeable insulation shall be a Class II vapor
17 retarder, excluding Kraft face batt insulation, or shall have a Class III vapor retarder
18 coating or covering in direct contact with the underside of the insulation.
- 19 5. Either Items 5.1, 5.2 or 5.3 shall be met, depending on the air permeability of the
20 insulation directly under the structural roof sheathing.
 - 21 5.1. Air-impermeable insulation only. Insulation shall be applied in direct contact with
22 the underside of the structural roof sheathing.
 - 23 5.2. Air-permeable insulation only. In addition to the air-permeable insulation installed
24 directly below the structural sheathing, rigid board or sheet insulation shall be
25 installed directly above the structural roof sheathing as specified in Table R806.5
26 for condensation control.

1 5.2.1 Allow for a solidly filled cavity with insulation with a breathable vapor
2 barrier on the ceiling side with a minimum R-value per current code for a
3 roof.

4 5.3. Air-impermeable and air-permeable insulation. The air-impermeable insulation
5 shall be applied in direct contact with the underside of the structural roof
6 sheathing as specified in Table R806.5 for condensation control. The air-
7 permeable insulation shall be installed directly under the air-impermeable
8 insulation.

9 5.4. Where preformed insulation board is used as the air-impermeable insulation layer,
10 it shall be sealed at the perimeter of each individual sheet interior surface to form
11 a continuous layer.

12 **TABLE R806.5 INSULATION FOR CONDENSATION CONTROL**

<u>CLIMATE ZONE</u>	<u>MINIMUM RIGID BOARD ON AIR-</u> <u>IMPERMEABLE INSULATION R-VALUE^a</u>
<u>5</u>	<u>R-20</u>

13 ^a Contributes to but does not supersede the requirements in Section N1103.2.1

14 Section 131. That Title 20 of the Lincoln Municipal Code be amended by adding a
15 new section numbered 20.10.660 to read as follows:

16 **20.10.660 Section R905.2.7.1 Amended; Ice Barrier.**

17 Section R905.2.7.1 of the International Residential Code is amended to read as follows:

18 **R905.2.7.1 Ice barrier; conditioned floor area.** In areas where there has been a history
19 of ice forming along the eaves causing a backup of water as designated in Table R301.2(1), an ice
20 barrier that consists of a least two layers of underlayment cemented together or of a self-adhering
21 polymer modified bitumen sheet or other method approved by the Building Official, shall be used
22 in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to at least 36
23 inches.

1 **Exceptions:**

2 1. The ice barrier may be omitted when a raised heel truss or other framing
3 method provides space for a minimum of R-38 attic insulation along the exterior wall.

4 2. The ice barrier may be omitted for attached garages and detached accessory
5 structures that contain no conditioned floor area.

6 Section 132. That Title 20 of the Lincoln Municipal Code be amended by adding a
7 new section numbered 20.10.665 to read as follows:

8 **20.10.665 Section R907.3 Amended; Reroofing; Recovering Versus Replacement.**

9 Section R907.3 of the International Residential Code is amended to read as follows:

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

12 1. Where the existing roof or roof covering is water-soaked or has deteriorated to the
13 point that the existing roof or roof covering is not adequate as a base for additional roofing.

14 2. Where the existing roof covering is wood shake, slate, clay, cement or asbestos-
15 cement tile.

16 3. Where the existing roof has two or more applications of any type of roof covering.

17 **Exception:** The application of new protective coating over existing spray polyurethane foam
18 roofing systems shall be permitted without tear-off of existing roof covering.

19 Section 133. That Title 20 of the Lincoln Municipal Code be amended by adding a
20 new section numbered 20.10.670 to read as follows:

21 **20.10.670 Section R1003.11 Deleted; Masonry Chimneys; Flue Lining (Material).**

22 Section R1003.11 of the International Residential Code is hereby deleted.

1 Section 134. That Title 20 of the Lincoln Municipal Code be amended by adding a
2 new section numbered 20.10.675 to read as follows:

3 **20.10.675 Section R1003.11.2 Deleted; Flue Linings for Specific Appliances.**

4 Section R1003.11.2 of the International Residential Code is hereby deleted.

5 Section 135. That Title 20 of the Lincoln Municipal Code be amended by adding a
6 new section numbered 20.10.680 to read as follows:

7 **20.10.680 Section R1003.11.3 Deleted; Gas Appliances.**

8 Section R1003.11.3 of the International Residential Code is hereby deleted.

9 Section 136. That Title 20 of the Lincoln Municipal Code be amended by adding a
10 new section numbered 20.10.685 to read as follows:

11 **20.10.685 Section R1003.11.4 Amended; Pellet Fuel-Burning Appliances.**

12 Section R1003.11.4 of the International Residential Code is amended to read as follows:

13 **R1003.11.4 Pellet fuel-burning appliances. Flue lining and vent systems for use in masonry**
14 **chimneys with pellet fuel-burning appliances shall be limited to the following:**

15 1. Flue lining systems complying with Section R1003.11.1.

16 2. Pellet vents listed for installation within masonry chimneys. (See Section
17 R1003.11.6 for marking.)

18 Section 137. That Title 20 of the Lincoln Municipal Code be amended by adding a
19 new section numbered 20.10.690 to read as follows:

1 **20.10.690** **Section R1003.11.5 Deleted. Oil-fired Appliances.**

2 Section R1003.11.5 of the International Residential Code is hereby deleted.

3 Section 138. That Title 20 of the Lincoln Municipal Code be amended by adding a
4 new section numbered 20.10.695 to read as follows:

5 **20.10.695** **Section R1003.14 Deleted; Flue Area (Appliance).**

6 Section R1003.14 of the International Residential Code is hereby deleted.

7 Section 139. That Title 20 of the Lincoln Municipal Code be amended by adding a
8 new section numbered 20.10.700 to read as follows:

9 **20.10.700** **Section R1004.4 Deleted; Unvented Gas Log Heaters.**

10 Section R1004.4 of the International Residential Code is hereby deleted.

11 Section 140. That Title 20 of the Lincoln Municipal Code be amended by adding a
12 new section numbered 20.10.705 to read as follows:

13 **20.10.705** **Energy Conservation.**

14 For purposes of compliance with the State Building Code and the Nebraska Energy Code,
15 Chapter 11 of the 2009 International Residential Code has been adopted at Section 20.10.010 of this
16 code. The requirements of the Nebraska Energy Code, Neb. Rev. Stat. § 81-1611 through 81-1626,
17 shall apply to all new single and two-family dwellings or portions thereof which are heated and/or
18 mechanically cooled.

19 Section 141. That Chapter 20.10 of the Lincoln Municipal Code be amended by
20 adding a new section numbered 20.10.710 to read as follows:

21 **20.10.710** **Chapters 12 through 43 of the International Residential Code Deleted.**

22 Chapters 12 through 43 of the International Residential Code are hereby deleted.

1 Section 142. That Figures R302.2(1), R302.2(2), R302.2(3), R302.2(4), R403.1(1),
2 R404.1.1(3), R404.1.2.2(1), R404.1.2.2(2), R404.1.2.2.1, R404.1.5.2, R602.10.3.5, and R602.10.4
3 are hereby adopted and incorporated herein by reference.

4 Section 143. That Sections 1 through 142 hereof be codified in the Lincoln
5 Municipal Code as Chapter 20.10 - Lincoln Residential Building Code.

6 Section 144. That Chapter 20.12 of the Lincoln Municipal Code as hitherto existing
7 be and the same is hereby repealed in its entirety.

8 Section 145. Pursuant to Article VII, Section 7 of the City Charter, this ordinance
9 shall be posted on the official bulletin board of the City, located on the wall adjoining the City
10 Clerk's office at 555 S. 10th Street, in lieu of and in place of newspaper publication with notice of
11 passage and such posting to be given by publication one time in the official newspaper by the City
12 Clerk. This ordinance shall take effect and be in force from and after its passage and publication
13 as herein and in the City Charter provided.

Introduced by:

Approved as to Form & Legality:

City Attorney

Approved this ___ day of _____, 2015: _____ Mayor
