

## ORDINANCE NO. 14-15

**AN ORDINANCE AMENDING CHAPTER 155 BUILDING CODE, CHAPTER 160 RESIDENTIAL CODE, CHAPTER 157 MECHANICAL CODE, CHAPTER 156 PLUMBING CODE, CHAPTER 158 ELECTRICAL CODE, CHAPTER 159 FIRE CODE, CHAPTER 161 FUEL GAS CODE AND CHAPTER 170, OF THE CODE OF ORDINANCES FOR THE CITY OF NORWALK, IOWA, BY ADOPTING THE 2012 INTERNATIONAL ENERGY CONSERVATION CODE WITH AMENDMENTS.**

**BE IT ENACTED** by the City Council of the City of Norwalk, Iowa:

**SECTION 1. CHAPTER ADOPTED.** Chapter 155 of the Code of Ordinances of the City of Norwalk, Iowa, is repealed and the following adopted in lieu thereof:

### **CHAPTER 155**

### **BUILDING CODE**

#### **155.01 International Building Code Adopted**

#### **155.02 Deletions/Modifications/Amendments and Additions**

**155.01 Adoption of Building Code.** The International Building Code, 2012 Edition, as published by the International Code Council, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended. This Chapter and all provisions incorporated herein by reference or otherwise, shall be known as the "Norwalk Building Code", may be cited as such, and will be referred herein as such and as "this Code."

**155.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the International Building Code, 2012 Edition (hereinafter known as the IBC) represent amendments to the requirements contained in the IBC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

**1. Sections 103, Department of Building Safety, and 104 Duties and Powers of the Building Official,** of the International Building Code, 2012 Edition, are repealed and there is substituted in lieu thereof Chapter 162 of this Code of Ordinances.

**2. Section 105.2, Work Exempt From Permit,** of the International Building Code, 2012 Edition, is amended to include the following as permit exempt:

Replacement siding, roofing and windows, soffit and fascia replacement.

**3. Section 105.2, Work Exempt From Permit,** of the International Building Code, 2012 Edition, is amended to delete the following as permit exempt:

Item #1 Detached structures not exceeding 120 sq.ft.

Item #2 Fences not over 7 ft. high

Item #6 Sidewalks and Driveways

Item #9 Prefabricated Swimming Pools

Item #10 Shade Cloth Structures

**4. Section 105.5 Expiration,** of the International Building Code, 2012 Edition, shall be amended by deleting said section and inserting in lieu thereof the following:

Section 105.5 12 Month Expiration. Every permit issued under the provisions of this Code shall expire twelve (12) months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the Code Official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his or her agent and by payment of the renewal fee as established by Resolution of the City Council, and provided no changes have been made in plans or location. Upon approval, permits may be extended for no more than two periods not exceeding 180 days each.

**5. Sections 109.2 Schedule of Permit Fees, R109.3 Building Permit Valuations, 109.4 Work Commencing Before Permit Issuance, and 109.6 Refunds,** of the International Building Code, 2012 Edition, are repealed and fees and/or refunds shall be as established by the Council. (See Chapter 177 of this Code of Ordinances for the Building Permit Fee Schedule.)

**6. Section 112 Service Utilities**, of the International Building Code, 2012 Edition, shall be Amended by adding **subsection 112.4**. This subsection shall be read as follows:

All electrical service lines not exceeding four hundred eighty volts and all telephone and cablevision service lines, as well as other utility lines serving any new building or structure, including signs and billboards, requiring permanent electrical service shall be placed underground unless a waiver from such is approved by the Community Development Department. The provisions of this subsection shall not apply to existing buildings or additions to such buildings (unless said addition requires the utility service provider to upgrade the entire system from the transformer to the structure). Nothing in this section shall be deemed to apply to temporary service when defined as such by the utility company.

**7. Section 113 Board of Appeals**, of the International Building Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 163 of this Code of Ordinances.

**8. Section 114.4 Violation Penalties**, of the International Building Code, 2012 Edition, is repealed and the following substituted in lieu thereof:

Any person violating any of the provisions of this chapter shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances.

**9. Section 202 Definitions**, of the International Building Code, 2012 Edition, shall be amended by adding definition for Swimming Pool.

**Swimming Pool.** A water filled structure intended for swimming, recreational bathing or wading, either permanent or temporary, in-ground or above ground, that is capable of holding 24 inches or more of water.

**10. Section 406.3.4 Separation**, of the International Building Code, 2012 Edition, shall be amended by deleting subsection #1 and inserting in lieu thereof the following:

406.3.4 Separation. The private garage shall be separated from the dwelling unit and its attic area by means of minimum 5/8 inch type "X" fire code gypsum board or equivalent applied to the garage side. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 5/8 inch type "X" fire code gypsum board or equivalent throughout. Garages beneath habitable rooms shall be separated by not less

than 5/8 inch type "X" fire code gypsum board or equivalent throughout. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors or solid or honeycomb core steel doors not less than 1 3/8 inch thick, or doors in compliance with 716.5.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Doors shall be self-closing and self-latching.

**11. Section 1007.2 Continuity and Components**, of the International Building Code, 2012 Edition, shall be amended by adding the following #11 to said subsection:

Section 1007.2 Continuity and Components #11. Components of exterior walking surfaces shall be hard surfaced.

**12. Section 1008 Doors, Gates and Turnstiles**, of the international Building Coded, 2012 Edition, shall be amended by adding the following subsection:

Subsection 1008.1.6.1 Frost Protection. Exterior landings at doors shall be provided with frost protection.

**13. 1012.4 Continuity**, of the International Building Code, 2012 Edition, shall be amended by adding the following exception:

Subsection 1012.4, Exception #5. Handrails within a dwelling unit or serving an individual dwelling unit of groups R-2 and R-3 shall be permitted to be interrupted at one location in a straight stair when the rail terminates into a wall or ledge and is offset and immediately continues.

**14. 1029.3 Maximum Height From Floor**, of the International Building Code, 2012 Edition, shall be amended by adding the following exception:

Subsection 1029.3 Maximum Height From Floor. Exception #1. Within individual units of Group R-2 and R-3 occupancies where a window is provided as a means of escape and rescue opening from a basement it shall have a sill height of not more than 44 inches above the floor or landing. Where a landing is provided the landing shall not be less than 36 inches wide, not less than 18 inches out from the exterior wall, and not more than 24 inches in height. The landing shall be permanently affixed to the floor below and the wall under the openable area of the window it serves.

**15. Section 1029.5 Window Wells**, of the International Building Code, 2012 Edition, shall be amended by adding the following subsection:

Subsection 1029.5.3 Window Well Drainage. All window wells shall be provided with approved and adequate drainage.

**16. Section 1608.2 Ground Snow Loads**, of the International Building Code, 2012 Edition, shall be amended by deleting said section and inserting in lieu thereof the following:

Subsection 1608.2 Ground Snow Load. The ground snow load to be used in determining the design snow load for roofs is hereby established at 30 pounds per square foot. Subsequent increases or decreases shall be allowed as otherwise provided in the building code, except that the minimum allowable flat roof snow load may be reduced to not less than 80 percent of the grounds snow load.

**17. Section 1807.1.5.1 Foundation Walls for Conventional Light Frame Wood Construction.** . As an alternate to the requirements of respective codes, the following Table ‘Foundation Walls for Conventional Light Frame Construction’ may be used:

Table – Foundation Walls for Conventional Light Frame Construction

Height of Foundation Wall (Net measured from top of basement slab to top of foundation wall)*		Thickness of Foundation Walls		Reinforcement type and placement within Foundation Wall**	Reinforcement type and placement within Foundation Wall** (12' span between corners and supporting cross walls.)	Type of Mortar
		Unit				
<i>Gross</i>	<i>Net</i>	<i>Concrete</i>	<i>Masonry</i>	<i>Concrete</i>	<i>Masonry</i>	<i>Masonry</i>
8	7' 8"	7 ½"	8"	3 – ½" diameter bars with placement in the top, middle, and bottom	0.075 square inch bar 8' o.c. vertically in fully grouted cells. If block is 12" nominal thickness, may be unreinforced.	Type M or S. Grout & Mortar shall meet provisions of Chapter 21
9	8' 9"	8"	See Chapter 18	½" bars 2' o.c. horizontally & 20" vertically o.c. (5/8" bars 2' o.c. horizontally & 30" vertically o.c.)	See Chapter 18	Same as above
10	9' 8"	8"	See Chapter 18		See Chapter 18	Same as above
*Concrete floor slab to be minimum 4". If such floor slab is not provided, a specially designed means of providing lateral support at the bottom of the wall shall be required.						
** All reinforcement bars shall meet ASTM A615 grade 40 and be deformed. Placement of bars shall be in center of wall and meet the provisions of 18, 19, and 21 of the IBC.						
NOTE: Cast in place concrete shall have a compressive strength of 3,000 lbs @ 28 days. Footings shall contain continuous reinforcement of 2 – ½" diameter rebar throughout. Placement of reinforcement and concrete shall meet the requirements of Chapter 19 of the IBC.						
NOTE: Material used for backfilling shall be carefully placed granular soil of average or high permeability and shall be drained with an approved drainage system as prescribed in Section 1805.4 of the IBC. Where soils containing a high percentage of clay, fine silt or similar materials of low permeability or expansive soils are encountered or where backfill materials are not drained or an unusually high surcharge is to be placed adjacent to the wall, a specially designed wall shall be required.						

**18. Section 1809.7 Prescriptive Footings Supporting Walls of Light-Frame Construction Table.** The following table is substituted for Table 1809.7 of the International building Code, 2012 Edition.

Number of Stories	Thickness of Foundation Walls		Minimum width of Footings (inches)*	Thickness of Footings (inches)	Minimum Depth of Foundation Below Natural Surface of Ground and Finish Grade (inches)
	<i>Unit</i>				
	<i>Concrete</i>	<i>Masonry</i>			
1	8	8	16	8	42
2	8	8	16	8	42
3	10	10	18	12	42

Footings shall contain continuous reinforcement of 2 – ½" diameter rebar throughout. Placement of reinforcement and concrete shall meet the requirements of Chapter 19 of the International Building Code.

**19. Section 1809.5 Frost Protection,** of the International Building Code, 2012 Edition, shall be amended by adding the following exception 4.

Subsection 1809.5, Exception #4. Detached garages, accessory to Group R-2 and R-3 structures, of light frame wood construction not exceeding 1000 square feet in size, and detached accessory structures not exceeding 400 square feet in other than light frame wood construction may be provided with a floating slab which shall include a thickened slab edge of a minimum 8 inches thick and tapered or squared from a width of 6 inches to 12 inches and have floors of 3000# Portland cement concrete not less than 4 inches thick. The floor shall have 6" x 6" reinforcing mesh or #4 reinforcing bars 24" on center front to back and side to side. The thickened portion of the slab shall also contain two #4 rebar, one near the top and one near the bottom continuously with ends of rebar overlapping each other at least 15 inches. Slab floor and thickened edge shall be one continuous pour and shall have all sod and/or debris removed prior to installation.

**20. Section 3109.2 Definition,** of the International Building Code, 2012 Edition, shall be amended by deleting said definition and inserting in lieu thereof the following:

Swimming Pool. A water filled structure intended for swimming, recreational bathing or wading, either permanent or temporary, in-ground or above ground, that is capable of holding 24 inches or more of water.

**SECTION 1. CHAPTER ADOPTED.** Chapter 160 of the Code of Ordinances of the City of Norwalk, Iowa, is repealed and the following adopted in lieu thereof:

## **CHAPTER 160**

### **RESIDENTIAL CODE**

#### **160.01 International Residential Code Adopted**

#### **160.02 Deletions/Modifications/Amendments**

**160.01 Adoption of Residential Building Code.** The International Residential Code, 2012 Edition, including Appendix Chapters F, G and M, as published by the International Code Council, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended. This Chapter and all provisions incorporated herein by reference or otherwise, shall be known as the “Norwalk Residential Building Code”, may be cited as such, and will be referred herein as such and as “this Code.”

**160.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the International Residential Code, 2012 Edition (hereinafter known as the IRC) represent deletions, modifications, amendments and additions to the requirements contained in the IRC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

**1. Sections R103, Department of Building Safety, and R104 Duties and Powers of the Building Official,** of the International Residential Code, 2012 Edition, are repealed and there is substituted in lieu thereof Chapter 162 of this Code of Ordinances.

**2. Section R105.2, Work Exempt From Permit,** of the International Residential Code, 2012 Edition, is amended to include the following as permit exempt:

Replacement siding, roofing and windows, soffit and fascia replacement.

**5. Section R105.2, Work Exempt From Permit,** of the International Residential Code, 2012 Edition, is amended to delete the following as permit exempt:

Item #1 Detached structures not exceeding 200 sq.ft.

Item #2 Fences not over 7 ft. high

Item #5 Sidewalks and Driveways

Item #7 Prefabricated Swimming Pools

Item #10 Decks not exceeding 200 sq. ft.

**6. Section R105.2.3 Public Service Agencies**, of the International Residential Code, 2012 Edition, is repealed.

**7. Section R105.5 Expiration**, of the International Residential Code, 2012 Edition shall be amended by deleting said section and inserting in lieu thereof the following:

Section 105.5 12 Month Expiration. Every permit issued under the provisions of this Code shall expire twelve (12) months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the Code Official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his or her agent and by payment of the renewal fee as established by Resolution of the City Council, and provided no changes have been made in plans or location. Upon approval, permits may be extended for no more than two periods not exceeding 180 days each.

**8. Sections R108.2 Schedule of Permit Fees**, and **R108.5 Refunds**, of the International Residential Code, 2012 Edition, are repealed and fees and/or refunds shall be as established by the Council. (See Chapter 177 of this Code of Ordinances for the Residential Permit Fee Schedule.)

**9. Section R111 Service Utilities**, of the International Residential Code, 2012 Edition, shall be Amended by adding **subsection R111.4**. This subsection shall be read as follows:

All electrical service lines not exceeding four hundred eighty volts and all telephone and cablevision service lines, as well as other utility lines serving any new building or structure, including signs and billboards, requiring permanent electrical service shall be placed underground unless a waiver from such is approved by the Community Development Department. The provisions of this subsection shall not apply to existing buildings or additions to such buildings (unless said addition requires the utility service provider to upgrade the entire system from the transformer to the structure). Nothing in this section shall be deemed to apply to temporary service when defined as such by the utility company.

**10. Section R112 Board of Appeals**, of the International Residential Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 163 of this Code of Ordinances.

**11. Section R113.4 Violation Penalties**, of the International Residential Code, 2012 Edition, is repealed and the following substituted in lieu thereof:

Any person violating any of the provisions of this chapter shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances.

**12. Section R202 Definitions**, of the International Residential Code, 2012 Edition, shall be amended by adding definitions for Bedroom and Swimming Pool.

**Bedroom.** Any room with a permanently built in closet, designed for and potentially used for sleeping purposes at the present time and/or in the future. This room shall meet the minimum provisions of this code for habitable rooms. Bedrooms include dens, offices, playrooms, family rooms, storage areas, and other rooms with built in closets.

**Swimming Pool.** A water filled structure intended for swimming, recreational bathing or wading, either permanent or temporary, in-ground or above ground, that is capable of holding 24 inches or more of water.

**13. Section R301.2(1) Climate and Geographical Criteria Table**, of the International Residential Code, 2012 Edition, shall be amended to read as follows.

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

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic effects		Weathering	Frost line depth	Termite					
30	90	No	A	Severe	42"	Mod/Heavy	-5 F	Yes	1/21/1993 2/19/2009	1833	48.6

**14. Section R301.2 Climate and Geographical Design Criteria (Snow Load)**, of the International Residential Code, 2012 Edition. For purposes of determining snow loads as required in Section R301.2, the minimum ground snow load for design purposes shall be 30 pounds per square foot. Subsequent increases or decreases shall be allowed as

otherwise provided in this code, except that the minimum allowable flat roof snow load may be reduced to not less than 80 percent of the ground snow load.

**15. Section R302.1 Exterior Walls**, of the International Residential Code, 2012 Edition, shall be amended by deleting the section and replacing with the following:

R302.1 Exterior Walls. Construction, projections, openings and penetrations of exterior walls of dwellings shall comply with Table R302.1(1) and exterior walls of accessory structures shall comply with Table R302.1(1).

**TABLE R302.1(1) EXTERIOR WALLS**

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
Walls	Fire-resistance rated	1 hour—tested in accordance with ASTM E 119 or UL 263 with exposure from both sides	< 3 feet
	Not fire-resistance rated	0 hours	≥ 3 feet
Projections	Fire-resistance rated	1 hour on the underside	2 feet
	Not fire-resistance rated	0 hours	≥2 feet
Openings in walls	Not allowed	N/A	< 3 feet
	25% maximum of wall area	0 hours	3 feet
	Unlimited	0 hours	5 feet
Penetrations	All	Comply with <a href="#">Section R302.4</a>	< 3 feet
		None required	3 feet

**16. Section R302.2 Townhouses**, of the International Residential Code, 2012 Edition shall be amended by deleting the exception and replacing it with the following:

Exception: A common 2-hour fire resistance rated wall assembly tested in accordance with ASTM E 119 or UL 263 is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against exterior walls and the underside of the roof sheathing. Electrical installations shall be installed in accordance with Norwalk Electrical Code. Penetrations of electrical outlet boxes shall be in accordance with Section 302.4.

**17. Section R302.6 Dwelling/Garage Separation and Table R302.6**, of the International Residential Code, 2012 Edition, shall be amended by deleting this subsection and inserting in lieu thereof the following subsection:

Section R302.6 Dwelling/Garage Separation. The garage shall be separated throughout as required by table R302.6. Openings in garage walls shall comply with section R302.5.

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

SEPARATION	MATERIAL
From the residence and attics	5/8" "X" fire code sheetrock or equivalent applied to the garage side
From all habitable rooms above the garage	5/8" "X" fire code sheetrock or equivalent – throughout garage
Structure(s) supporting floor/ceiling assemblies used for separation required by this section	5/8" "X" fire code sheetrock or equivalent – throughout garage
Garages located less than 3 feet from a dwelling unit on the same lot	5/8" "X" fire code sheetrock or equivalent – throughout garage

**18. Section R303.3 Bathrooms**, of the International Residential Code, 2012 Edition, shall be amended by deleting this subsection and inserting in lieu thereof the following subsection and also by adding the following exception:

Section R303.3 Bathrooms. Bathrooms shall be provided with a mechanical ventilation system. The minimum ventilation rates shall be 50 cfm for intermittent ventilation or 20 cfm for continuous ventilation. Ventilation air from the space shall be exhausted directly to the outside.

Exception: Toilet rooms containing only a water closet and/or lavatory may be provided with a recirculating fan.

**19. Section R309.5 Fire Sprinklers**, of the International Residential Code, 2012 Edition, shall be amended by replacing the work "shall" in the first sentence with the word "may".

**20. Section R310.1 Emergency Escape And Rescue Required**, of the International Residential Code, 2012 Edition, shall be amended by deleting the first paragraph of said section and inserting in lieu thereof the following:

Section R310.1 Emergency Escape and Rescue Required. Basements, habitable attics and every sleeping room shall have at least one openable emergency escape and rescue window or exterior door opening for emergency escape and rescue. Where basements contain one or more sleeping, emergency egress and

rescue openings shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Where a window is provided as a means of escape and rescue opening from a basement, it shall have a sill height of not more than 44 inches above the floor or landing. Where a landing is provided, the landing shall be not less than 36 inches wide, not less than 18 inches out from the exterior wall, and not more than 24 inches in height. The landing shall be permanently affixed to the floor below and the wall under the openable area of the window it serves. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R310.3. Escape and rescue window openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R310.2.

**21. Section R310.5 Emergency Escape Windows Under Decks and Porches**, of the International Residential Code, 2012 Edition, shall be amended by adding a new sentence to the end of the section.

Section R310.5 Emergency escape windows under decks and porches. Cantilever areas of all construction elements shall be regulated in accordance with this section.

**22. Section R311.7.5.1 Risers**, of the International Residential Code, 2012 Edition, shall be amended by adding the following exception:

Section R311.7.5.1 Riser Height Exception 2. The maximum riser height shall be 7  $\frac{3}{4}$  inches. The riser height shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than  $\frac{3}{8}$  inch, except at the top or bottom riser of any interior stair where this dimension may deviate by a maximum of 1 inch. In no case shall the risers exceed the maximum height of 7  $\frac{3}{4}$  inches.

**23. Section R311.7.8.2 Continuity**, of the International Residential Code, 2012 Edition, shall be amended by adding the following exception:

Section R311.7.8.2 Continuity, Exception 3. Handrails within a dwelling unit or serving an individual dwelling unit shall be permitted to be interrupted at one location in a straight stair when the rail terminates into a wall or ledge and is offset and immediately continues.

**24. Section R313.1 Townhouse Automatic Fire Sprinkler Systems**, of the International Residential code, 2012 Edition, shall be amended by deleting said subsection and inserting the following in lieu thereof. Exceptions remain unchanged.

Section R313.1 Townhouse Automatic Fire Sprinkler Systems. An automatic residential fire sprinkler system shall be installed in townhouses containing more than 8,000 square feet.

**25. Section 313.2 One-and Two Family Dwellings Automatic Fire Systems**, of the International Residential Code, 2012 Edition, shall be amended by adding the following exception.

Section 313.2 One-and Two Family dwellings Automatic Fire Systems, Exception 2. Dwelling units in which the gross square footage of the dwelling space, including all floor levels whether finished or unfinished and all basement areas whether finished or unfinished (exclusive of attached garage area), does not exceed 8,000 square feet.

**26. Table 403.1 Minimum Width of Concrete, Precast or Masonry Footings**, of the International Residential Code, 2012 Edition, shall be amended by the figures in the following table:

Table R403.1 Foundations For Stud Bearing Walls

Number of Stories	Thickness of Foundation Walls		Minimum width of Footings (inches)*	Thickness of Footings (inches)	Minimum Depth of Foundation Below Natural Surface of Ground and Finish Grade (inches)
	<i>Unit</i>				
	<i>Concrete</i>	<i>Masonry</i>			
1	8	8	16	8	42
2	8	8	16	8	42
3	10	10	18	12	42

Footings shall contain continuous reinforcement of 2 – ½" diameter rebar throughout. Placement of reinforcement and concrete shall meet the requirements of Chapter 19 of the International Building Code.

**27. Section R403.1.4.1 Frost Protection** of the International Residential Code, 2012 Edition, shall be amended by deleting Exceptions 1 and 2, and inserting in lieu thereof the following:

Section R403.1.4.1 Exception 1. Detached accessory structures of light frame wood construction not exceeding 1000 square feet in size, and detached accessory structures not exceeding 400 square feet in other than light frame wood construction may be provided with a floating slab which shall include a thickened slab edge of a minimum 8 inches thick and tapered or squared from a width of 6 inches to 12 inches and have floors of 3000# Portland cement

concrete not less than 4 inches thick. The floor shall have 6" x 6" reinforcing mesh or #4 reinforcing bars 24" on center front to back and side to side. The thickened portion of the slab shall also contain two #4 rebar, one near the top and one near the bottom continuously with ends of rebar overlapping each other at least 15 inches. Slab floor and thickened edge shall be one continuous pour and shall have all sod and/or debris removed prior to installation.

**28. Section R404.1.2.2.3 Foundation Walls for Conventional Light Frame Wood Construction.** As an alternate to the requirements of respective codes, the following Table 'Foundation Walls for Conventional Light Frame Construction' may be used:

Table – Foundation Walls for Conventional Light Frame Construction

Height of Foundation Wall (Net measured from top of basement slab to top of foundation wall)*		Thickness of Foundation Walls		Reinforcement type and placement within Foundation Wall**	Reinforcement type and placement within Foundation Wall** (12' span between corners and supporting cross walls.)	Type of Mortar
		Unit				
Gross	Net	Concrete	Masonry	Concrete	Masonry	Masonry
8	7' 8"	7 1/2"	8"	3 – 1/2" diameter bars with placement in the top, middle, and bottom	0.075 square inch bar 8' o.c. vertically in fully grouted cells. If block is 12" nominal thickness, may be unreinforced.	Type M or S. Grout & Mortar shall meet provisions of Chapter 21
9	8' 9"	8"	See Chapter 18	1/2" bars 2' o.c. horizontally & 20" vertically o.c. (5/8" bars 2' o.c. horizontally & 30" vertically o.c.)	See Chapter 18	Same as above
10	9' 8"	8"	See Chapter 18		See Chapter 18	Same as above
*Concrete floor slab to be minimum 4". If such floor slab is not provided, a specially designed means of providing lateral support at the bottom of the wall shall be required.						
** All reinforcement bars shall meet ASTM A615 grade 40 and be deformed. Placement of bars shall be in center of wall and meet the provisions of 18, 19, and 21 of the IBC.						
NOTE: Cast in place concrete shall have a compressive strength of 3,000 lbs @ 28 days. Footings shall contain continuous reinforcement of 2 – 1/2" diameter rebar throughout. Placement of reinforcement and concrete shall meet the requirements of Chapter 19 of the IBC.						
NOTE: Material used for backfilling shall be carefully placed granular soil of average or high permeability and shall be drained with an approved drainage system as prescribed in Section 1805.4 of the IBC. Where soils containing a high percentage of clay, fine silt or similar materials of low permeability or expansive soils are encountered or where backfill materials are not drained or an unusually high surcharge is to be placed adjacent to the wall, a specially designed wall shall be required.						

**29. Section 405.2.3 Drainage System,** of the International Residential Code, 2012 Edition, shall be amended by deleting the last sentence and inserting in lieu thereof the following:

Section 405.2.3 Drainage System. 'The drainage system shall discharge into a system separate from the sanitary sewer or to daylight'.

**30. Section 501.3 Fire Protection of Floors**, of the International Residential Code, 2012 Edition, shall be deleted from this Chapter and is of no force or effect.

**31. Chapter 11 Energy Efficiency**, of the International Residential Code, 2012 Edition, shall be deleted and replaced with the following: “Buildings shall be designed and constructed in accordance with the 2009 International Energy Code as published by the International Code Council and amended by the Iowa State Building Code Bureau.” Administration shall be as prescribed in “this Code” and these regulations shall be known as the Norwalk Energy Code. Construction or work for which a permit is required shall be subject to inspections and the Building Official may make or cause to be made the requested inspections. The Building Official is authorized to accept reports of approved inspection agencies, provided such agencies satisfy the requirements as to qualifications and reliability. Any portion that does not comply shall be corrected and such portion shall not be covered or concealed until authorized by the Building Official.

**32. Section P2603.5 Freezing**, of the International Residential Code, 2012 Edition, shall be amended by deleting the last sentence of said section and inserting in lieu thereof the following:

Section P2603.5 Freezing. “Exterior water supply system piping shall be installed not less than sixty inches below grade”.

**33. Section 2603.5.1 Sewer Depth**, of the International Residential code, 2012 Edition, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section P2603.5.1 Sewer Depth. Building sewers shall be a minimum of forty-eight inches below grade.

**34. Part VIII – Electrical**, of the International Residential Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 158 of this Code of Ordinances.

**35. Section AG102 Definitions**, of the International Residential Code, 2012 Edition, shall be amended by deleting the definition of “Swimming Pool” and substituting in lieu thereof the following:

Section AG102 Definitions. Swimming Pool- A water filled structure intended for swimming, recreational bathing or wading, either permanent or temporary, in-ground or above ground, that is capable of holding 24 inches or more of water.

**SECTION 1. CHAPTER ADOPTED.** Chapter 157 of the Code of Ordinances of the City of Norwalk, Iowa, is repealed and the following adopted in lieu thereof:

## **CHAPTER 157**

### **MECHANICAL CODE**

#### **157.01 International Mechanical Code Adopted**

#### **157.02 Deletions/Modifications/Amendments**

**157.01 Adoption of International Mechanical Code.** The International Mechanical Code, 2012 Edition, as published by the International Code Council, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended. This Chapter and all provisions incorporated herein by reference or otherwise, shall be known as the “Norwalk Mechanical Code”, may be cited as such, and will be referred herein as such and as “this Code.”

**157.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the International Mechanical Code, 2012 Edition (hereinafter known as the IMC) represent amendments to the requirements contained in the IMC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

**1. Sections 103, Department of Mechanical Inspection, and 104 Duties and Powers of the Code Official,** of the International Mechanical Code, 2012 Edition, are repealed and there is substituted in lieu thereof Chapter 162 of this Code of Ordinances.

**2. Section 106.1.1 Addition – Permit Acquisition:** Section 106.1.1 of the International Mechanical Code, 2012 Edition, is established by adding the following:

#### Section 106.1.1 Permit Acquisition

1. Permits are not transferable. Mechanical work performed under the provisions of this chapter must be done by a contractor meeting the licensing provisions as set forth by the State of Iowa Plumbing and Mechanical Systems Board in accordance with Iowa Code Chapter 105. A responsible person or mechanical professional licensed by the State of Iowa Plumbing and Mechanical Systems Board as a “Master” may sign and obtain a permit for the contractor for which they are employed only when said responsible person or “Master” has provided proof of employment or written confirmation by said licensed

contractor. Any permit required by the provisions of this code may be revoked by the Code Official upon the violation of any provision of this code.

2. A State of Iowa licensed Mechanical contractor shall be allowed only to secure permits for himself or herself, or for a single firm or corporation. When a State of Iowa licensed Mechanical contractor has secured such a permit, only the employees of such contractor when meeting the provisions of Iowa Code Chapter 105 shall perform the work for which the permit was obtained.

3. For purposes of this section, an “employee” shall be one employed by the contractor, firm or corporation for a wage or salary. A contractor may be required by the Code Official to show positive evidence as to the employee status of workers on the job. Such evidence shall be in the form of payroll and time records, canceled checks, or other such documents.

4. The contractor may also be required to show the agreement or contract pertaining to the work being questioned as evidence that said contractor is, in fact, the actual contractor for such work. Failure or refusal by the contractor to make available such employee or contractual records within 24 hours from demand therefor shall be grounds for immediate revocation of any permit for the work in question.

**3. Section 106.2 Permits not Required**, of the International Mechanical Code, 2012 Edition, shall be amended by adding the following #9 to said section.

Section 106.2 Permits not required. 9. Replacement or relocation of existing house ventilation fans, bathroom exhaust, dryer vents, window air conditioners and extension of existing supply and return ductwork.

**4. Section 106.4.3 Expiration**, of the International Mechanical Coded, 2012 Edition is hereby amended by deleting said section and inserting in lieu thereof the following:

Section106.4.3 12 Month Expiration. Every permit issued under the provisions of this Code shall expire twelve (12) months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the Code Official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his or her agent and by payment of the renewal fee as established by Resolution of the City Council, and provided no changes have been made in plans or location. Upon

approval, permits may be extended for no more than two periods not exceeding 180 days each.

**5. Sections 106.5.2 Fee Schedule, and 106.5.3 Refunds,** of the International Mechanical Code, 2012 Edition, are repealed and fees and/or refunds shall be as established by the Council. (See Chapter 177 of this Code of Ordinances for the Residential Permit Fee Schedule.)

**6. Section 108.4 Violation Penalties,** of the International Mechanical Code, 2012 Edition, is repealed and the following substituted in lieu thereof:

Any person violating any of the provisions of this chapter shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances.

**7. Section 108.5 Stop Work Orders,** of the International Mechanical Code, 2012 Edition, is amended by deleting the last sentence of said subsection and inserting in lieu thereof the following:

Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to Section 1.14 of this Code of Ordinances.

**8. Section 109 Means of Appeal,** of the International Mechanical Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 163 of this Code of Ordinances.

**SECTION 1. CHAPTER ADOPTED.** Chapter 156 of the Code of Ordinances of the City of Norwalk, Iowa, is repealed and the following adopted in lieu thereof:

## **CHAPTER 156**

### **PLUMBING CODE**

#### **156.01 International Plumbing Code Adopted**

#### **156.02 Deletions/Modifications/Amendments**

**156.01 Adoption of International Plumbing Code.** The International Plumbing Code, 2012 Edition, as published by the International Code Council, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended. This Chapter and all provisions incorporated herein by reference or otherwise, shall be known as the “Norwalk Plumbing Code”, may be cited as such, and will be referred herein as such and as “this Code.”

**156.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the International Plumbing Code, 2012 Edition (hereinafter known as the IPC) represent amendments to the requirements contained in the IPC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

**1. Sections 103, Department of Plumbing Inspection, and 104 Duties and Powers of the Code Official,** of the International Plumbing Code, 2012 Edition, are repealed and there is substituted in lieu thereof Chapter 162 of this Code of Ordinances.

**2. Section 105.2, Alternative Materials, Methods and Equipment,** of the International Plumbing Code, 2012 Edition, is amended by adding the following subsection 105.2.1 and exception:

Section 105.2.1 – Uniform Plumbing Code, As currently Adopted Edition: The Uniform Plumbing code, as prepared and edited by the International Association of Plumbing and Mechanical Officials, as currently adopted and amended by the Plumbing and Mechanical systems Board, Iowa Department of Public Health, is hereby approved as an alternate equivalent method for complete plumbing systems.

Exception: Administrative regulations shall be as prescribed in the International Plumbing Code, 2012 Edition, as amended in this ordinance.

**3. Section 106.1.1 Addition – Permit Acquisition:** Section 106.1.1 of the International Plumbing Code, 2012 Edition, is established by adding the following:

Section 106.1.1 Permit Acquisition

1. Permits are not transferable. Plumbing work performed under the provisions of this chapter must be done by a contractor meeting the licensing provisions as set forth by the State of Iowa Plumbing and Mechanical Systems board in accordance with Iowa Code Chapter 105. A plumber licensed by the State of Iowa plumbing and Mechanical Systems Board as a “Master” may sign and obtain a permit for the contractor for which they are employed only when said “Master” has provided proof of employment by said licensed contractor. Any permit required by the provisions of this code may be revoked by the Code Official upon the violation of any provision of this code.
2. A State of Iowa licensed Plumbing contractor shall be allowed only to secure permits for himself or herself, or for a single firm or corporation. When a State of Iowa licensed Plumbing contractor has secured such a permit, only the employees of such contractor when meeting the provisions of Iowa Code Chapter 105 shall perform the work for which the permit was obtained.
3. For purposes of this section, an “employee” shall be one employed by the contractor, firm or corporation for a wage or salary. A contractor may be required by the Code Official to show positive evidence as to the employee status of workers on the job. Such evidence shall be in the form of payroll and time records, canceled checks, or other such documents.
4. The contractor may also be required to show the agreement or contract pertaining to the work being questioned as evidence that said contractor is, in fact, the actual contractor for such work. Failure or refusal by the contractor to make available such employee or contractual records within 24 hours from demand therefore shall be grounds for immediate revocation of any permit for the work in question.
5. Homeowners (owner/occupants) qualifying for the homestead tax exemption may acquire permits for their principal residence (not an apartment) and appurtenant accessory structures for plumbing work, not to include connection within the public right-of-way to the public main of sewer, water and storm lines.

**4. Section 106.5.3 Expiration,** of the International Plumbing Code, 2012 Edition is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 106.5.3 12 Month Expiration. Every permit issued under the provisions of this Code shall expire twelve (12) months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the Code Official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his or her agent and by payment of the renewal fee as established by Resolution of the City Council, and provided no changes have been made in plans or location. Upon approval, permits may be extended for no more than two periods not exceeding 180 days each.

**5. Sections 106.6.2 Fee Schedule, and 106.6.3 Refunds,** of the International Plumbing Code, 2012 Edition, are repealed and fees and/or refunds shall be as established by the Council. (See Chapter 177 of this Code of Ordinances for the Residential Permit Fee Schedule.)

**6. Section 108.4 Violation Penalties,** of the International Plumbing Code, 2012 Edition, is repealed and the following substituted in lieu thereof:

Any person violating any of the provisions of this chapter shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances.

**7. Section 108.5 Stop Work Orders,** of the International Plumbing Code, 2012 Edition, is amended by deleting the last sentence of said subsection and inserting in lieu thereof the following:

Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to Section 1.14 of this Code of Ordinances.

**8. Section 109 Means of Appeal,** of the International Plumbing Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 163 of this Code of Ordinances.

**9. Section 305.4 Freezing,** of the International Plumbing Code, 2012 Edition, is hereby amended by deleting the last sentence of said subsection and inserting in lieu thereof the following:

305.4 Freezing. Exterior water supply system piping shall be installed not less than sixty (60) inches below grade.

**10. Section 305.4.1 Sewer Depth**, of the International Plumbing Code, 2012 Edition is hereby amended by deleting said subsection and inserting in lieu thereof the following:

305.4.1 Sewer Depth. Building sewers shall be a minimum of forty-eight (48) inches below grade.

**11. Section 312.3 Drainage and Vent Air Test**, of the International Plumbing Code, 2012 Edition, shall be amended by deleting the first sentence in the section.

**12. Section 410.3 Substitution**, of the International Plumbing Code, 2012 Edition, shall be amended by adding the following exception:

Section 410.3 Minimum number of fixtures exception. Water coolers or bottled water dispensers in accessible locations and within accessible reach ranges may be substituted for the initial drinking fountain in business occupancies with an occupant load of not more than 30, and mercantile occupancies with an occupant load of not more than 100. (re: IBC Chapter 11, T1902.1 and IPC T 403.1 footnote e)

**13. Section 703 Building Sewer**, of the International Plumbing Code, 2012 Edition shall be amended by adding the following subsection:

Subsection 703.6 Minimum Building Sewer Size. The minimum diameter for a building sewer shall be four (4) inches.

**14. Section 715.1 Sewage Backflow**, of the International Plumbing Code, 2012 Edition, shall be amended by adding the following exception:

Section 715.1 Sewage backflow exception 1. The requirement for the installation of a backwater valve shall apply only when it is determined necessary by the Building Official based on local conditions.

**15. Section 903.1 Roof Extension**, of the International Plumbing Code, 2012 Edition, shall be amended by deleting "(NUMBER)" located in the second line of the first sentence and replacing with "12 inches".

**16. Section 1003.3 Grease Interceptors**, of the International Plumbing Coded, 2012 Edition, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 1003.3 Grease Interceptors. Grease Interceptors shall comply with the requirements of the adopted Norwalk Ordinance Chapter 103.

**17. Section 1112.1 Subsoil Drains**, of the International Plumbing Code, 2012 Edition, shall be amended by deleting the sentence “The subsoil sump shall not be required to have either a gas-tight cover or a vent.” And replaced with the following: “The subsoil sump shall have a gas-tight cover appropriate to the sump basket attached in an approved manner. The lid shall have an opening with a diameter of four (4) inches that is gasketed with a four (4) inch pipe stubbed through the lid and capped for the future use of a radon vent. Any system used for the removal of the radon gas shall be in accordance with accepted industry standards.”

**18. Sewer Service Lines Maintenance.** All costs and expenses incident to the installation, connection and maintenance of the building sewer as well as the storm sewer service line (the service line being the pipe from the storm sewer main to the structure) shall be borne by the property owner. The owner shall indemnify the City from any loss or damage that may directly or indirectly be occasioned by the installation or maintenance of the building sewer as well as the storm sewer service line.

**SECTION 1. CHAPTER ADOPTED.** Chapter 158 of the Code of Ordinances of the City of Norwalk, Iowa, is repealed and the following adopted in lieu thereof:

## **CHAPTER 158**

### **ELECTRICAL CODE**

#### **158.01 National Electric Code, 2011 Edition Adopted**

#### **158.02 Deletions/Modifications/Amendments**

**158.01 Adoption of Electric Code.** The National Electric Code, 2011 Edition, as published by the National Fire Protection Association, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended. This Chapter and all provisions incorporated herein by reference or otherwise, shall be known as the “Norwalk Electric Code”, may be cited as such, and will be referred herein as such and as “this Code.”

**158.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the National Electric Code, 2011 Edition (hereinafter known as the NEC) represent amendments to the requirements contained in the NEC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

**1. Addition-Enforcement of the National Electric Code, 2011 Edition:** Chapter 162 of the Norwalk Code of Ordinances, Code Inspection Division, shall be hereby charged with the authority and powers and duties of Enforcement of the NEC.

**2. Addition-Liability For Damages:** The City or any employee of the City is not liable for damages to a person or property as a result of any act or failure to act in the enforcement of this code, unless the act of enforcement constitutes false arrest. This code shall not be construed to relieve from or lessen the responsibility of any person owning, operating or controlling any equipment or structure regulated herein for damages to a person or property caused by its defects nor shall the City or any City employee be held as assuming any such liability by reason of the inspections authorized by this code or any approvals issued under this code.

**3. Article 90.2 (A) COVERED,** of the National Electric Code, 2011 Edition, is hereby amended by adding (PERMITS REQUIRED). Permits required, of the NEC is hereby established by adding the following subcategory (A)(5) and exceptions.

**Permits Required.** Permits shall be required for work contained within the scope of this article.

Exceptions:

1. Replacement of lighting fixtures, receptacles, switches, overcurrent protection devices of the same volt and amperage.
2. The repair or replacement of flexible cords of the same volt and amperage.
3. The process of manufacturing, testing, servicing, or repairing of electrical equipment or apparatus.
4. No permit or inspections are required for electrical wiring of 50 volts or less.

**4. Article 90.2.1 Addition – PERMIT ACQUISITION.** Permit acquisition, of the National Electric Code, 2011 Edition is hereby established by adding the following article:

**Article 90.2.1 Permit Acquisition**

1. Permits are not transferable. Electrical work performed under the provisions of this chapter must be done by a contractor meeting the licensing provisions as set forth by the Iowa Electrical Examining Board in accordance with Iowa Code Chapter 103. A responsible person or an electrician licensed by the State of Iowa electrical Examining Board as a “Master A or B” may sign and obtain a permit for the contractor for which they are employed only when said responsible person or “Master A or B” has provided proof of employment or written confirmation by said licensed contractor. Any permit required by the provisions of this code may be revoked by the Building Official upon the violation of any provision of this code.
2. A State of Iowa licensed Electrical Contractor shall be allowed only to secure permits for himself or herself, or for a single firm or corporation. When a State of Iowa licensed Electrical contractor has secured such a permit, only the employees of such contractor when meeting the provisions of Iowa Code Chapter 103 shall perform the work for which the permit was obtained.
3. For purposes of this section, an “employee” shall be one employed by the contractor, firm or corporation for a wage or salary. A contractor may be required by the Building Official to show positive evidence as to the employee status of workers on the job. Such evidence shall be in the form of payroll and time records, canceled check, or other such documents.

4. The contractor may also be required to show the agreement of contract pertaining to the work being questioned as evidence that said contractor is, in fact, the actual contractor for such work. Failure or refusal by the contractor to make available such employee or contractual records within 24 hours from demand therefor shall be grounds for immediate revocation of any permit for the work in question.

5. Homeowners (owners/occupants)qualifying for the homestead tax exemption may acquire permits for their principle residence (not an apartment) and appurtenant accessory structures for electrical work, not to include dwelling service upgrade or replacement.

**5. Addition-Permit Expiration:** Every permit issued under the provisions of this code shall expire twelve months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the Building Official. Any permittee holding an unexpired permit may apply for an extension of the time within which he or she may commence or continue work. The building official is authorized to grant, in writing, for periods not more than 180 days each, two extensions. The extension shall be requested in writing and justifiable cause demonstrated. Any of the extensions may be further extended by action of the City Council. In all cases when renewal is granted the structure for which the permit is required shall comply with Code requirements in effect at the time the permit is renewed.

**6. Addition-Permit Fee and Refund Policy:** Fees and/or Refunds shall be established by Chapter 177 of the City of Norwalk Code of Ordinances.

**7. Article 210.8 Amended-Ground Fault Circuit-Interrupter Protection For Personnel.** Article 210.8, Ground Fault Circuit=Interrupter Protection for Personnel, of the NEC is hereby amended by adding the following exceptions:

**Article 210.8 (A) Dwelling Units (2) Garages,** and also accessory building that have a floor located at or below grade not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use.

1. Exception No. 1 to (2): Receptacles that are not readily accessible.

2. Exception No. 2 to (2): A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use,

is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A)(6), (A)(7), or (A)(8).

Note: Receptacles installed under the exceptions to 210.8(A)(2) shall not be considered as meeting the requirements of 210.52(G).

**Article 210.8 (A)(5):** Unfinished basements – for purposes of this section, unfinished basements are defined as portions or areas of the basement not intended as habitable rooms and limited to storage areas, work areas, and the like.

1. Exception No. 2 to (5): Receptacles that are not readily accessible.
2. Exception No. 3 to (5): A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A)(6), (A)(7), or (A)(8).

Note: Receptacles installed under the exceptions to 210.8(A)(5) shall not be considered as meeting the requirements of 210.52(G).

**Section 2 PENALTY.** Any person violating any of the provisions of this chapter shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances. Each and every day that a violation occurs or continues shall be deemed a separate offense.

**SECTION 1. CHAPTER ADOPTED.** Chapter 159 of the Code of Ordinances of the City of Norwalk, Iowa, is repealed and the following adopted in lieu thereof:

## **CHAPTER 159**

### **FIRE CODE**

#### **159.01 International Fire Code Adopted**

#### **159.02 Deletions/Modifications/Amendments and Additions**

**159.01 Adoption of Fire Code.** The International Fire Code, 2012 Edition, as published by the International Code Council, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended.

1. **Section 101.1 Title,** These regulations shall be known as the Fire Code of Norwalk, hereinafter referred to as “this Code.”

**159.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the International Fire Code, 2012 Edition (hereinafter known as the IFC) represent amendments to the requirements contained in the IFC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

1. **Sections 105, PERMITS,** of the International Fire Code, 2012 Edition, are modified with the following changes:

a. **105.1.2 Types of permits,** of the IFC, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 162.07 of this Code of Ordinances.

b. **105.1.3 Multiple permits for the same location,** of the IFC, 2012 Edition, of the IFC, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 162.07 of this Code of Ordinances.

c. **105.2 Application,** of the IFC, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 162.07 of this Code of Ordinances.

d. **105.6. Required operational permits,** of the International Fire Code, 2012 Edition, is amended to delete the following as operational permits:

1. 105.6.1 – 105.6.29
2. 105.6.31 – 105.6.46

e. **105.7 Required construction permits**, of the International Fire Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 162.07 of this Code of Ordinances and is amended to delete the following as required construction permits:

1. 105.7.2 – 105.7.4
2. 105.7.8 – 105.7.11
3. 105.7.13 – 105.7.14

**2. Section 108, BOARD OF APPEALS**, of the International Fire Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 163 of this Code of Ordinances.

**5. Section 109.4 Violation penalties**, of the International Fire Code, 2012 Edition, shall be read as follows:

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances. See Chapter 177 of this Code of Ordinances for the Municipal Infraction Fees.

**6. Section 111 Stop Work Order**, of the International Building Code, 2012 Edition, shall be Amended by changing **subsection 111.4**. This subsection shall be read as follows:

Any person who shall continue any work after having been served with stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances. See Chapter 177 of this Code of Ordinances for the Municipal Infraction Fees.

**7. Section 113 Fees**, of the International Building Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 177 of this Code of Ordinances.

**SECTION 1. CHAPTER ADOPTED.** Chapter 161 of the Code of Ordinances of the City of Norwalk, Iowa, is repealed and the following adopted in lieu thereof:

## **CHAPTER 161**

### **FUEL GAS CODE**

#### **161.01 International Fuel Gas Code Adopted**

#### **161.02 Deletions/Modifications/Amendments**

**161.01 Adoption of International Fuel Gas Code.** The International Fuel Gas Code, 2012 Edition, as published by the International Code Council, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended. This Chapter and all provisions incorporated herein by reference or otherwise, shall be known as the “Norwalk Mechanical Code”, may be cited as such, and will be referred herein as such and as “this Code.”

**161.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the International Fuel Gas Code, 2012 Edition (hereinafter known as the IFGC) represent amendments to the requirements contained in the IFGC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

**1. Sections 103, Department of Inspection, and 104 Duties and Powers of the Code Official,** of the International Mechanical Code, 2012 Edition, are repealed and there is substituted in lieu thereof Chapter 162 of this Code of Ordinances.

**2. Section 106.1.1 Addition – Permit Acquisition:** Section 106.1.1 of the International Mechanical Code, 2012 Edition, is established by adding the following:

#### Section 106.1.1 Permit Acquisition

1. Permits are not transferable. Fuel Gas work performed under the provisions of this chapter must be done by a contractor meeting the licensing provisions as set forth by the State of Iowa Plumbing and Mechanical systems Board in accordance with Iowa Code Chapter 105. A responsible person or mechanical professional licensed by the State of Iowa Plumbing and Mechanical Systems board as a “Master” may sign and obtain a permit for the contractor for which they are employed only when said responsible person or “Master” has provided proof of employment or written confirmation by said licensed contractor. Any

permit required by the provisions of this code may be revoked by the Code Official upon the violation of any provision of this code.

2. A State of Iowa licensed Mechanical contractor shall be allowed only to secure permits for himself or herself, or for a single firm or corporation. When a State of Iowa licensed Mechanical contractor has secured such a permit, only the employees of such contractor when meeting the provisions of Iowa Code Chapter 105 shall perform the work for which the permit was obtained.

3. For purposes of this section, an "employee" shall be one employed by the contractor, firm or corporation for a wage or salary. A contractor may be required by the Code Official to show positive evidence as to the employee status of workers on the job. Such evidence shall be in the form of payroll and time records, canceled checks, or other such documents.

4. The contractor may also be required to show the agreement or contract pertaining to the work being questioned as evidence that said contractor is, in fact, the actual contractor for such work. Failure or refusal by the contractor to make available such employee or contractual records within 24 hours from demand therefor shall be grounds for immediate revocation of any permit for the work in question.

**3. Section 106.5.3 Expiration**, of the International Fuel Gas Code, 2012 Edition, shall be amended by deleting said section and inserting in lieu thereof the following:

Section 106.5.3 12 Month Expiration. Every permit issued under the provisions of this Code shall expire twelve (12) months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the Code Official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his or her agent and by payment of the renewal fee as established by Resolution of the City Council, and provided no changes have been made in plans or location. Upon approval, permits may be extended for no more than two periods not exceeding 180 days each.

**4. Sections 106.6.2 Fee Schedule**, and **106.6.3 Fee Refunds**, of the International Fuel Gas Code, 2012 Edition, are repealed and fees and/or refunds shall be as established by the Council. (See Chapter 177 of this Code of Ordinances for the Permit Fee Schedule.)

**5. Section 108.4 Violation Penalties**, of the International Fuel Gas Code, 2012 Edition, is repealed and the following substituted in lieu thereof:

Any person violating any of the provisions of this chapter shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances.

**6. Section 108.5 Stop Work Orders**, of the International Fuel Gas Code, 2012 Edition, is amended by deleting the last sentence of said subsection and inserting in lieu thereof the following:

Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to Section 1.14 of this Code of Ordinances.

**7. Section 109 Means of Appeal**, of the International Fuel Gas Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 163 of this Code of Ordinances.

**SECTION 1. CHAPTER ADOPTED.** Chapter 170 of the Code of Ordinances of the City of Norwalk, Iowa, the Energy Conservation Regulations be enacted in the following Chapter;

## **CHAPTER 170**

### **ENERGY CONSERVATION CODE**

#### **170.01 International Energy Conservation Code Adopted**

#### **170.02 Deletions/Modifications/Amendments**

**170.01 Adoption of International Energy Conservation Code.** The International Energy Conservation Code, 2012 Edition, as published by the International Code Council, is hereby adopted in full by reference except such portions as may be hereinafter deleted, modified or amended. This Chapter and all provisions incorporated herein by reference or otherwise, shall be known as the “Norwalk Energy Code”, may be cited as such, and will be referred herein as such and as “this Code.”

**170.02 Deletions/Modifications/Amendments and Additions.** The remaining sections in this chapter of the International Energy Conservation Code, 2012 Edition (hereinafter known as the IECC) represent amendments to the requirements contained in the IECC. In the event requirements of this code conflict with applicable State and Federal requirements, the more stringent shall apply.

**1. Sections 104.1 General,** of the International Energy Conservation Code, 2012 Edition, shall be amended by deleting said subsection and inserting in lieu thereof;

Section 104.1 General. Construction or work for which a permit is required may be subject to inspection by Chapter 162 of the City of Norwalk Code of Ordinances.

**2. Sections 107.2 Schedule of Permit Fees,** and **107.5 Refunds,** of the International Energy Conservation Code, 2012 Edition, are repealed and fees and/or refunds shall be as established by the Council. (See Chapter 177 of this Code of Ordinances for the Permit Fee Schedule.)

**3. Section 108.4 Failure to Comply,** of the International Energy Conservation Code, 2012 Edition, is repealed and the following substituted in lieu thereof:

Any person violating any of the provisions of this chapter shall, upon conviction, be subject to the penalties set forth in Section 1.14 of this Code of Ordinances or

a violation of any of the provisions of this chapter shall constitute a municipal infraction and may be enforced under Chapter 4 of this Code of Ordinances.

**4. Section 109 Board of Appeals**, of the International Energy Conservation Code, 2012 Edition, is repealed and there is substituted in lieu thereof Chapter 163 of this Code of Ordinances.

**SECTION 2. REPEALER.** All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

**SECTION 3. SEVERABILITY CLAUSE.** If any section, provision, or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision, or part thereof not adjudged invalid or unconstitutional.

**SECTION 4. WHEN EFFECTIVE.** This ordinance shall be in effect from and after its final passage, approval, and publication as provided by law.

Passed by the Council the 4<sup>th</sup> day of September, 2014; and approved this 4<sup>th</sup> day of September, 2014.

\_\_\_\_\_  
Tom Philips, Mayor

ATTEST:

\_\_\_\_\_  
Jeff Rosien, City Clerk

I certify that the foregoing was published as Ordinance No. 14-14 on the \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
Jeff Rosien, City Clerk