

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

I. Introduction

Manheim Township has previously adopted the provisions of the Pennsylvania Uniform Construction Code and the International Codes incorporated therein and has made certain amendments to the administrative provisions thereof. This ordinance makes amendments to the technical provisions of the 2003 International Codes incorporated by reference and to each such International Code as may be promulgated in the future.

BE IT ORDAINED by the Commissioners of Manheim Township that the International Codes incorporated by reference by the Pennsylvania Uniform Construction Code are hereby amended as follows:

II. A. INTERNATIONAL RESIDENTIAL CODE

Section R202 Definitions. Building sewer is amended by adding the following sentence:

All matters related to the building sewer design, installation, inspection, testing, and repair of building sewer system shall be in accordance with the rules and regulations set forth by the sewer authority having jurisdiction: Lancaster Area Sewer Authority or City of Lancaster.

Table R 301.2 (1) Climatic and Geographical Design Criteria shall read as

Ground Snow Load	30 PSF
Wind Speed	90 Mph
Seismic Design Category	B
Weathering	Severe
Frost Line Depth	36 inches
Termites	Moderate to Heavy
Decay	Slight to Moderate
Winter Design Temperature	11 Degrees
Ice Shield Underlayment	Yes
Flood Hazards	Manheim Twp, Flood Plain Management Ordinance
Air Freezing Index	974
Mean Annual Temperature	51 Degrees

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

Section R325.1 Premises Identification. 505.1 Address Numbers is amended by deleting the text and replacing it with the following:

Every new and existing structure to which a street number has been assigned shall display such number (numerals only) in a position easily observable and easily readable from the roadway or street fronting the property. The numbers shall be of contrasting color with their background and permanent in nature.

Residential Structures – Street numbers shall be at least 2-3/4 inches in height and shall be installed at least 18 inches above finish grade.

Section R403.1 Footings is amended by adding the following:

When unsuitable soil conditions are present or if blasting is required in the excavation of footings and foundation, two 1/2" diameter reinforcing bars are required to be installed in the entire footing. If conditions warrant, a design professional shall be consulted for footing/foundation design.

Section R403.1.1 Footings Minimum Size is amended as follows:

Insert "8" inches in place of "6" in the third sentence.

Section R405.1 Foundation Drainage is amended by adding the following new subsection:

R405.1.1 Sump Pump Discharge Piping Termination. Sump pump discharge piping shall terminate at least 5 feet beyond the exterior foundation wall, but no closer than 10 feet from a property line or the street right-of-way.

Section R602.3.3 Bearing Studs is amended as follows:

All load bearing walls that enclose the building envelope where wood frame construction is used shall be constructed of nominal 2 by 6 studs and be spaced at 24 inches on center. Three story dwellings shall have 2 by 6 studs spaced at 16 inches on center.

Exceptions: One story attached and detached garages, and accessory structures may use nominal 2 by 4 studs.

Table R. 602.3 (5) is deleted.

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

Section P2602.1 is amended to add the following sentences:

All onlot sewage disposal systems shall comply with the Pennsylvania Sewage Facilities Act 537 and shall be inspected and approved by the Manheim Township Sewage Enforcement Officer.

In existing structures an approved inspection company shall verify that the onlot sewage disposal system properly operates in accordance with DEP regulations prior to the issuance of any building permit. Noted deficiencies shall be corrected within 30 days and approved by the Manheim Township Sewage Enforcement Officer.

Section P2603.6 Freezing amended by deleting the last sentence and inserting in its place:

Water service pipe shall be installed a minimum of 36 inches below finish grade.

Section P2719 Floor Drains is amended to read as follows:

Floor drains in residential structures shall discharge by means of gravity or mechanical sewage pumps to the exterior of the structure. Floor drains shall not be connected to the sanitary sewer system. Floor drains in existing residential structures are subject to approval by the Director of Code Compliance.

Section P2903.3 Hose Connections is amended by deleting the first sentence and adding the following:

Hose bibbs installed on the exterior of the building or other locations subject to freezing shall be automatic draining, freezeless wall faucets with an atmospheric vacuum breaker.

Section P2902.1 Potable Water Required is amended by adding the following sentence:

Water service pipe installed downstream from City of Lancaster Water Bureau's last valve shall conform to this Code.

Section P2903.7 Size of Water Service Mains, Branch Mains and Risers is amended in the first sentence by inserting "1" in place of "3/4".

Appendix F Radon Control Methods is adopted as part of this Code.

Appendix H Patio Covers is adopted as part of this Code.

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

B. INTERNATIONAL BUILDING CODE

Section 202 General Definitions:

The definition of Building Code Official shall mean the Director of Code Compliance of Manheim Township.

Section 903.2.1.1 Group A-1: in number 1, insert 7,500 in place of 12,000.

Section 903.2.1.3 Group A-3: in number 1, insert 7,500 in place of 12,000.

Section 903.2.1.4 Group A-4: in number 1, insert 7,500 in place of 12,000.

Section 903.2.2 Group E: in number 1, insert 7,500 in place of 20,000.

Section 903.2.3 Group F-1: in number 1, insert 7,500 in place of 12,000.

Section 903.2.3: add Group F-2, to read as follows:

An automatic fire sprinkler system shall be provided throughout all buildings containing Group F-2 occupancies where the Group F-2 fire area exceeds 7,500 square feet.

Section 903.2.6 Group M: in number 1, insert 7,500 in place of 12,000.

Section 903.2.8 Group S-1: in number 1, insert 7,500 in place of 12,000.

Section 903.2.8 is amended by adding Group S-2, to read as follows:

An automatic fire sprinkler system shall be provided throughout all buildings containing Groups S-2 occupancies where a Group S-2 fire area exceeds 7,500 square feet.

Section 903.2 is amended by adding the following new subsection:

903.2.14 Group B. An automatic sprinkler system shall be provided for Group B occupancies where one of the following conditions exist:

1. The fire area exceeds 7,500 square feet.
2. The building is three or more stories in height.

Section 903.4 Sprinkler System Monitoring and Alarms is amended by adding the following:

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

This section shall include all new and existing automatic fire sprinkler systems, both required and non-required.

Section 912.2.2 Fire Department Connections – Existing Buildings shall be amended by adding the following sentence:

THIS FDC SERVES THE AUTOMATIC FIRE SPRINKLER SYSTEM AND/OR STANDPIPE SYSTEM AT (insert street address).

Section 912.4 Signs it is amended by adding after such signs shall read:

THIS FDC SERVCES THE AUTOMATIC FIRE SPRINKLER SYSTEM AND/OR STANDPIPE SYSTEM AT (insert street address).

Section 907.14 Monitoring is amended by adding the following sentence:

This section shall include new and existing fire alarm systems, both required and non-required, fire alarm and detection systems.

Section 907.15 Automatic Telephone-Dialing Devices is deleted in its entirety.

Section 1023 Exit Discharge is amended by adding the following:

Safe exit discharge shall include snow/ice guards on the roof of the structure when deemed necessary by the Director of Code Compliance.

1608.1 Snow Loads General is deleted in its entirety and replaced as follows: Design snow loads shall be determined in accordance with this section or shall comply with section 7 of ASCE listed in Referenced Standards chapter. The design snow loads shall be determined by section 1608.2, but no less than 30 pounds per square foot.

Appendix H 101.1 General is amended by adding the following sentence:

The Manheim Township Zoning Ordinance shall regulate all matters pertaining to type of signs, location of signs, number of signs, area of signs, and height of signs.

Appendix H 101.2 Signs Exempt from Permits is deleted in its entirety.

Appendix H 108 ANIMATED DEVICES is deleted in its entirety.

Appendix H 110 ROOF SIGNS is deleted in its entirety.

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

Appendix 112 PROJECTING SIGNS is deleted in its entirety.

Appendix 113 MARQUIS SIGNS is deleted in its entirety.

Appendix 114 PORTABLE SIGNS is deleted in its entirety.

C. INTERNATIONAL FIRE CODE

Section 103.1 DEPARTMENT OF FIRE PREVENTION is amended by substituting Department of Code Compliance for department of fire prevention and the Director of Code Compliance for fire code official.

Section 108.0 Board of Appeals is deleted and replaced with the provisions of the Uniform Construction Code relating to boards of appeals, as amended.

Section 202 General Definitions:

The definition of fire code official shall be amended by deleting the words The Fire Chief or other designated Authority and replacing it with the Director of Code Compliance.

Section 307.2.2 Prohibited Open Burning is amended by adding the following sentence:

Refuse, leaves and trimmings shall not be burned outdoors on the premises in any manner whatsoever.

Exception: Properties with 10 or more acres with an active agricultural farming operation are permitted to burn agricultural by-products only (no household refuse, construction materials, or similar materials).

Section 401.2 Approval is amended by adding the following after fire code official:

and the Manheim Township Emergency/Fire Coordinator

Section 505.1 Address Numbers is amended by deleting the text and replacing it with the following:

Every new and existing structure to which a street number has been assigned shall display such number (numerals only) in a position easily observable and easily readable from the roadway or street fronting the property. The numbers shall be of contrasting color with their background and shall be permanent in nature.

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

Residential Structures-Street numbers shall be at least 2-3/4 inches in height and shall be installed at least 18 inches above finish grade.

Nonresidential Structures-Street numbers shall be at least 6 inches in height with a minimum stroke width of ½-inch and shall be on or adjacent to the entrance doors at least 5 feet above finish grade.

Each tenant in a multi-tenant commercial structure shall display numbers at both the front and all rear entrance doors to each unit in accordance with requirements for nonresidential structures.

Section 506.1 Where required is amended by adding the following sentence:

Key boxes shall be manufactured by Supra and are required in all buildings in which there is a fire alarm system or fire protection system monitored by a central station.

Section 903.2.1.1 Group A-1: in number 1, insert 7,500 in place of 12,000.

Section 903.2.1.3 Group A-3: in number 1, insert 7,500 in place of 12,000.

Section 903.2.1.4 Group A-4: in number 1, insert 7,500 in place of 12,000.

Section 903.2.2 Group E: in number 1, insert 7,500 in place of 20,000.

Section 903.2.3 Group F-1: in number 1, insert 7,500 in place of 12,000.

Section 903.2.3: add Group F-2, to read as follows:

An automatic fire sprinkler system shall be provided throughout all buildings containing Group F-2 occupancies where a Group F-2 fire area exceeds 7,500 square feet.

Section 903.2.6 Group M: in number 1, insert 7,500 in place of 12,000.

Section 903.2.8 Group S-1: in number 1, insert 7,500 in place of 12,000.

Section 903.2.8: add Group S-2, to read as follows:

An automatic fire sprinkler system shall be provided throughout all buildings containing Group S-2 occupancies where a Group S-2 fire area exceeds 7,500 square feet.

Section 903.2 is amended by adding the following new subsection:

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

903.2.14 Group B. An automatic sprinkler system shall be provided for Group B occupancies where one of the following conditions exist:

1. The fire area exceeds 7,500 square feet.
2. The building is three or more stories in height.

Section 903.4 Sprinkler System Monitoring and Alarms is amended by adding the following:

This section shall include all new and existing automatic fire sprinkler systems, both required and non-required.

Section 912.2.2 Fire Department Connections Existing Buildings shall be amended by adding the following sentence:

THIS FDC SERVES THE AUTOMATIC FIRE SPRINKLER SYSTEM AND/OR STANDPIPE SYSTEM AT (insert street address).

Section 912.4 Signs it is amended by adding after such signs shall read:

THIS FDC SERVES THE AUTOMATIC FIRE SPRINKLER SYSTEM AND/OR STANDPIPE SYSTEM AT (insert street address).

Section 907.15 Monitoring is amended by adding the following sentences:

This section shall include new and existing fire alarm systems, both required and nonrequired, fire alarm and detection systems.

Section 907.16 Automatic Telephone-Dialing Devices is deleted in its entirety.

Section 1023 Exit Discharge is amended by adding the following:

Safe exit discharge shall include snow/ice guards on the roof of the structure when deemed necessary by the Director of Code Compliance.

Section 3301.2.4.1 Blasting is amended by adding the following:

Before a fire permit is issued for blasting, the permit applicant shall provide evidence of a current blasting license from the Commonwealth of Pennsylvania and shall pay the

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

required fee. The application shall also provide a valid certificate of insurance showing liability coverage for the blasting operation of not less than \$1,000,000.

Section 3301.2.4.2 Fireworks Display is amended to include the following sentence:

The permit applicant shall submit the Manheim Township Hold Harmless Agreement, evidence of current workers compensation insurance, DOT insurance, and general liability insurance and umbrella insurance.

D. INTERNATIONAL PLUMBING CODE

Section 202 Definitions. Building sewer is amended by adding the following sentence:

All matters related to building sewer design, installation, inspection, testing, and repair of building sewer system shall be in accordance with the rules and regulations set forth by the sewer authority having jurisdiction: Lancaster Area Sewer Authority or the City of Lancaster.

Section 301.6 Prohibited Locations is amended by adding the following:

Building drain piping shall not be placed under basement floors when the building drain piping is connected to the public sanitary sewer system with a gravity discharge.

Section 302.2 Industrial Wastes is amended by inserting "commercial properties," in front of "manufacturing or industrial", and deleting "code official or other authority having jurisdiction" and inserting in its place "sewer authority having jurisdiction."

Section 305.6 Freezing is amended by replacing the last sentence with the following:

Water service pipe shall be a minimum of 36 inches below finish grade.

Section 412 Floor Drains is amended by adding the following:

Floor drains in both new and existing structures are subject to approval by the Director of Code Compliance.

Section 603.1 Water Service Pipe is amended by inserting "1" in place of "3/4" in the second sentence and by adding the following:

Non-residential water service pipe installed downstream of the Lancaster City Water Bureau's last valve shall conform to this code.

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

Section 608.15.4.2 Hose Connections is amended by adding the following:

Wall hydrants installed on the exterior of the building or other locations subject to freezing shall be automatic draining, freezeless wall faucets with an atmospheric vacuum breaker.

Section 701.2 Sewer Required is amended by replacing “where available” in the third line with “when required by Township ordinance” and by replacing “International Private Sewage Disposal Code” with the following:

Pennsylvania Sewage Facilities Act 537 and shall be inspected and approved by the Manheim Township Sewage Enforcement Officer.

In existing structures an approved inspection company shall verify that the onlot sewage disposal system properly operates in accordance with DEP regulations prior to the issuance of any building permit. Noted deficiencies shall be corrected within 30 days and approved by the Manheim Township Sewage Enforcement Officer.

Section 803 Special Wastes is amended by adding a new subsection that reads:

Section 803.4 Requirements. The sewer authority having jurisdiction shall be consulted prior to the discharge of special waste.

Section 1003.1 Where required is amended to read:

Approved separators shall be installed in accordance with this Code in any new or existing structure, where a determination is made by the Director of Code Compliance or the sewer authority having jurisdiction of the need of a separator based on the use of the structure, proposed waste's) or discharged waste regulated by this code.

Section 1113 Sumps is amended by adding the following subsection:

Section 1113.3.5 Sump Pump Discharge Piping Termination:

Discharge piping termination shall terminate at least 5 feet beyond the exterior side of the building foundation wall, but no closer than 10 feet from a property line or the street right-of-way-line.

Appendix F – Structural Safety is adopted as part of this code.

E. **INTERNATIONAL ENERGY CONSERVATION CODE**.

ORDINANCE # 2004-8

An Ordinance Amending Certain Technical Provisions of the International Codes Incorporated By the Pennsylvania Uniform Construction Code Which Has Previously Been Adopted By Manheim Township

Table 302.1 Exterior Design Conditions shall read as follows:

Winter, design dry bulb (F degrees)	11
Summer, design by dry bulb (F degrees)	91
Summer, design by wet bulb (F degrees)	76
Degree days heating	5251
Degree days cooling	759
Climate zone	11B

III. This ordinance shall take effect immediately upon enactment.

ORDAINED this 14th day of June, 2004.

BOARD OF COMMISSIONERS
OF MANHEIM TOWNSHIP

By: James E. Miller
President
(Vice President)

Attest:

James M. Norton
Secretary