

Ord  
91-25

INTRODUCED BY: Harold J. Peterman  
DATE INTRODUCED: December 3, 1991  
PUBLIC HEARING DATE: December 17, 1991  
PUBLIC HEARING TIME: 7:15 P.M.  
ADOPTION DATE: December 17, 1991  
EFFECTIVE DATE: January 15, 1992

ORDINANCE NO. 91-25

AN ORDINANCE REPEALING ORDINANCE NO. 89-14, WHICH WAS ADOPTED ON JANUARY 31, 1990, AS IT RELATES TO THE BUILDING CODE FOR KENT COUNTY, DELAWARE AND ADOPTING THE FOLLOWING.

THE LEVY COURT OF KENT COUNTY, DELAWARE HEREBY ORDAINS:

Section 1. Kent County hereby adopts a new Building Code for Kent County entitled, "The BOCA (Building Officials & Code Administrators International, Inc.) National Building Code/1990", which includes the 1989 Edition of the "CABO (Council of American Building Officials) One and Two Family Dwelling Code" and all other standards referenced, as well as the "Kent County Building Code Supplement to the BOCA Basic Building Code/1990 - copies of which are attached hereto as Exhibit A and incorporated herein.

Section 2. The Building Code previously in effect for Kent County is hereby repealed as of the date this Ordinance becomes effective.


Section 3. This Ordinance shall be in full force and effect from and after January 15, 1992.

Section 4. The authority permitting this action appears in Title 9, Del. C., Chapter 44 and Title 16, Del. C., Section 7601.

Section 5. Severability. If any section, subsection, paragraph, sentence, clause or phrase of this Ordinance shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining portions of this Ordinance which shall continue in full force and effect; and to this end the provisions of the Ordinance are hereby declared to be severable.



ADOPTED BY LEVY COURT  
OF KENT COUNTY, DELAWARE

  
PRESIDENT, KENT COUNTY LEVY COURT  
THIS 17TH DAY OF DECEMBER, 1991

ATTEST:   
CLERK OF THE PEACE

Synopsis

Under the authority of 9, Del. C., Chapter 44 and 16, Del. C., Section 7601, this Ordinance repeals the existing Kent County Building Code and enacts the 1990 BOCA Building Code and local Supplement as of the date it becomes effective.



KENT COUNTY BUILDING CODE SUPPLEMENT  
TO THE BOCA NATIONAL BUILDING CODE/1990  
AND THE 1989 CABO ONE AND TWO FAMILY DWELLING CODE



SECTION 100.0 SCOPE

100.1 Title:

"Kent County" inserted as name of municipality.

100.5 Terms -Add New Section  
Whenever in the Building Code a municipality is mentioned and no name given therefore, the municipality shall be construed to mean Kent County; and when a state is mentioned, the same shall be the State of Delaware. Whenever in the Building Code, the Code Official is mentioned, it shall be construed to mean Code Enforcement Constable.

100.6 Conflict -Add New Section  
Where there is any conflict between the Kent County Building Code and any other code or regulation in and for Kent County or the State of Delaware, the most restrictive shall apply. All buildings and structures shall comply with the requirements of the fire prevention rules and regulations of the State of Delaware.

SECTION 103.0 EXISTING STRUCTURES

103.4 Rehabilitation

Line 1 - insert January 1, 1975.

SECTION 104.0 REPAIRS AND MAINTENANCE

104.1.1 Roof Repairs -Add New Section  
Application to the Code Official or Building Department is required for replacement of any roof sheathing or rafters in excess of 25% of roof area.

SECTION 105.0 DEMOLITION OF STRUCTURES

105.4 Demolition of Historic Structures -Add New Section  
Demolition of any structure and reconstruction of historic structures shall comply with the requirements of this subsection.

105.4.1 Historic Structures -Add New Section  
The Building Official shall delay for ten (10) days the issuance of any demolition permit for any building or structure over seventy-five (75) years of age and refer the application for such a permit to the Kent County Historic Preservation Commission within two (2) working days of its receipt. If the Historic Preservation Commission determines that the building or structure

is of historic significance for reasons it shall state in a written opinion to the Building Official, the Historic Preservation Commission may order an additional delay in the issuance of the permit up to sixty (60) days from the date of application for the permit. The issuance of the permit for any building or structure appearing on or eligible for the Kent County Register of Landmarks and Historical Districts may be delayed by the Historic Preservation Commission for up to six (6) months from the date of application for the permit during which time it shall seek alternatives to demolition.

105.4.2 Penalties -Add New Section  
Upon verification by the Historic Preservation Commission that a building or structure of historic significance has been demolished prior to the issuance of a demolition permit, the Building Official shall take immediate action for prosecution of said violation(s) with the intent of invoking the maximum penalties, as established in Section 117.4, against the person, firm or corporation responsible for the demolition.

105.4.3 Definition -Add New Section  
"Demolish" - to alter a structure by rendering it unfit for the use to such an extent that repair is not feasible or is so costly as to be economically prohibitive. Alterations within the cope of an approved building permit shall not be regarded as demolitions as defined in this paragraph.

## SECTION 110.0 DUTIES AND POWERS OF THE CODE OFFICIAL

110.6.1 Accepted Engineering Practice -Add New Section  
in the absence of provisions not specifically contained in this code or approved rules, the regulation, specifications and standards listed in Appendix B, Accepted Engineering Practice, and Appendix C, Accredited Material Standards, shall be deemed to represent accepted engineering practice in respect to the material, equipment systems or method of construction therein specified.

110.6.2 Promulgation of Rules -Add New Section  
A rule or regulation shall not become effective until four (4) weeks after the intention to adopt such rules shall have been published in accordance with local statutes in an official paper or public newspaper with general circulation in the jurisdiction, and only after a public hearing shall have been held on the rule.

110.6.3 Amendment of Rules -Add New Section  
All rules adopted by the procedure herein established shall have the same effect as provisions of this code; but such rules may be amended or repealed at any time by the same procedure herein prescribed for their adoption.



## SECTION 111.0 APPLICATION FOR PERMIT

111.3 Delete -Add New Section  
By Whom Application is Made: Application for a permit shall be made by the owner or lessee of the building or structure, or agent of either, or by the licensed engineer, architect, or contractor employed in connection with the proposed work. The full names and addresses of the owner, lessee, applicant, and of the President, Vice President, Secretary, Treasurer, and C.E.O., if the owner or lessee is a corporate body, shall be stated in the application.

111.5.1 Plan Requirements -Add New Section  
No permit shall be issued for the erection of a new building or alterations to an existing building unless the plans and specifications thereof have the seal of an architect currently registered with the State of Delaware, State Board of Examiners and Registrations of Architects, or by a Professional Engineer practicing in an appropriate discipline (i.e. structural design) and currently registered with the Delaware Professional Engineers, except any residential building, residential addition, or farm structures.

111.5.2 Division of Highways Approval -Add New Section  
The Building Official shall require an entrance/exit permit from the State Division of Highways upon application for a building permit for all non-residential buildings and residential buildings on State maintained roads.

111.6.2 Public Sewage Disposal -Add New Section  
The plot plan shall indicate the location of public sewer utilities and points at which connections are to be made accompanied by a sewer lateral permit, issued by the sewer utility, when public sewer is available.

## SECTION 112.0 PERMITS

112.10 Permits for Historic Structures -Add New Section  
Permits for historic structures shall comply with the regulations set forth in Article 6, Section 8 of the Kent County Zoning Ordinance (effective date August 1, 1991).

## SECTION 113.0 CONDITIONS OF PERMIT

113.6 Completion of Construction -Add New Section  
All construction for which a building permit is required must be completed and pass final inspection within two (2) years after issuance of a building permit, with one (1) renewal fee of twenty five dollars (\$25.00).

113.6.1 Mobile Home Placement -Add New Section  
Placement of a mobile home must be completed and pass final inspection within six (6) months of issuance of the placement permit.

113.6.1.1 Mobile Home Placement (public sewer) -Add New Section  
Permit requirements shall comply with the provisions set forth in Section 111.6.2.

113.6.2 Extension of Time -Add New Section  
Application for extension must be made to the Building Official at least thirty (30) days prior to the construction completion deadline. Disposition of the application is based upon consideration of all pertinent surrounding circumstances including the reasons for the delay, plans for completion, and the appearance and safety of the structure. Approval of the application for extension shall not be unreasonably withheld; however, the failure to obtain financing to complete said construction shall not constitute sufficient reason for extension.

113.7 Errors -Add New Section  
For every permit issued in error or in violation of the provisions of the Basic Code or other ordinance(s) of Kent County or without proper authority, the Building Official shall immediately issue a STOP WORK ORDER pursuant to 118.1, setting forth the nature of the error or violation, setting forth the conditions under which work will be permitted to resume and/or prescribing the appropriate acts, procedures or appeal by which the error or violation may be cured and a reasonable time of not less than thirty (30) days in which to comply. If after the expiration of the prescribed period the owner has failed to, in good faith, correct the error or violation, the permit shall become null and void and the permit shall be the same as though it had never been issued.

#### SECTION 114.0 FEES

114.3.1 Delete -Add New Section  
Determination of Valuation: The fee charged for permits shall be based upon standard construction values for type of construction as provided by Marshall Swift, or modified by the Building Official for particular applicability to this jurisdictional area. Standard construction values shall be updated annually in January to reflect changes in construction price indexes. The Building Official shall acquire input and consultation with local industry representatives prior to determination of standard construction values.

114.3.2 Fees for Building Permits -Add New Section  
Before receiving a building permit, the owner or his agent shall pay the following fee:

For a valuation \$0.00 to \$1,000.00.....\$25.00  
For a valuation not exceeding \$1,000,000  
for each \$1,000 valuation or fraction thereof.....\$4.00  
Over \$1,000,000  
for each additional \$1,000 or fraction thereof....\$1.75  
The minimum fee for any permit shall be.....\$25.00

114.3.3 Permits Not Required -Add New Section  
No permit shall be required for non-structural repairs (see Section 104) of like kind and quality.

114.3.4 Demolitions -Add New Section  
The fee for a permit for demolition of a building or structure shall be \$25.00.

114.3.5 Signs -Add New Section  
The fee for signs, billboards, and other display structures for which permits are required under the provision of the Basic Code shall be as follows based on the area of the sign as set forth in the Zoning Ordinance of Kent County: \$0.50 per square foot, with a minimum fee of \$25.00.

114.3.6 Certificate of Occupancy -Add New Section  
The fee for a Certificate of Occupancy shall be \$25.00 except as other wise specifically set forth below in this section.

The fee for a Certificate of Occupancy for mobile homes shall be \$25.00.

The fee for a Certificate of Occupancy for buildings (except motels or hotels) with more than one rental dwelling unit shall be \$15.00 per dwelling unit.

The fee for a Certificate of Occupancy for a condominium shall be \$25.00 per dwelling unit.

The fee for a Certificate of Occupancy for a motel or hotel shall be \$5.00 per dwelling unit or a minimum of \$100.00.

The fee for a temporary Certificate of Occupancy shall be \$25.00.

Reinspection for any reason, such as no show for appointment, footers not ready, no final electric, plumbing or fire marshal approval, the reinspection fee to be \$25.00.

114.3.7 Mobile Home Parks -Add New Section  
The fee for inspection of lots within mobile home parks for the placement of mobile homes shall be \$25.00 per lot.

114.3.8 Fences -Add New Section  
The fee for fence permits will be as set forth in Section 114.3.2.

114.3.9 Moving Buildings -Add New Section  
The fee for a permit to move a building or structure from one lot to another or to a new location on the same lot shall be \$25.00.

114.5 Delete -Add New Section  
Refunds: There shall be no refund of fees paid once the permit has been issued excepting permits in error.

#### SECTION 117.0 VIOLATIONS

117.1 Insert the word "place" after the word "construct" in first sentence.

117.4 Delete -Add New Section  
Violation penalties: Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter or repair a building or structure in violation of an approved plan or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of not less than \$100.00 nor more than \$10,000.00, or by imprisonment not exceeding ten days, or both such fine and imprisonment. The \$100.00 minimum fine is mandatory and not subject to suspension. Each day that a violation continues shall be deemed a separate offense.

117.6 Clean Hands -Add New Section  
Any appeal to the Kent County Community Board of Appeals shall not operate as a stay of an administrative action or enforcement action taken to effectuate the provisions of this section.

#### SECTION 118.0 STOP WORK ORDER

118.2 Insert in the first blank space: "One Hundred Dollars";  
Insert in the second blank space: "Ten Thousand Dollars".

#### SECTION 119.0 CERTIFICATE OF USE AND OCCUPANCY

119.1 Delete -Add New Section  
New Buildings: No building hereafter erected shall be used or occupied in whole or in part until the Certificate of Occupancy thereof has been issued by the Building Official. Title to any new residential building or to the premises on which such new building is erected shall not be transferred for the purpose of the first residential occupancy thereof until the Certificate of Occupancy therefore has been issued by the Building Official.

## SECTION 120.0 UNSAFE STRUCTURES

120.3 Delete -Add New Section  
Notice of Unsafe Building and Hearing: If an unsafe condition is found in a building or structure, the Code Official shall serve on the owner, agent, or person in control of the building or structure a written notice, by certified mail with return receipt requested, describing the building or structure deemed unsafe and specifying the violations to be corrected to render the building or structure safe and secure or requiring the unsafe building or structure or portion thereof to be demolished within a stipulated time. Such notice shall require the persons thus notified to appear within ten (10) days at a specified time in the office of the Building Official, to show cause why the said building or structure should not be made safe and secure or be demolished, as may be deemed necessary to make said building or structure safe and secure or to remove same.

120.6 Delete -Add New Section  
Disregard of Unsafe Notice: Upon refusal, failure or neglect of the person served with an unsafe notice to comply with requirements of the law to abate the unsafe condition, The Department of Law shall be advised of all the facts and shall institute the appropriate action in the courts to compel compliance to the Building Official, with the approval of Levy Court, shall have full power to remove the unsafe building or structure, or to repair or correct the unsafe condition, and whatever expense shall be incurred in relation thereto shall be paid out of monies appropriated; and the owner or owners shall be jointly or severally liable to Kent County for the full amount so expended. The County may maintain any action at law or equity against such owner or owners to recover the sums of money so expended by the County under this section. Upon certification of the lien to the Director of Finance by the Chief Administrative Officer, the amount of such lien may be collected in the same manner as County real estates taxes. This section shall not be construed to limit any other actions or remedies at law or equity.

## SECTION 123.0 BOARD OF SURVEY

Delete in entirety

## SECTION 124.0 MEANS OF APPEAL

124.2 Delete -Add New Section  
Membership of Board: The Board shall be composed of seven voting members: one appointee from each Levy Court district and one appointee at-large. The term of each appointee shall be concurrent with that of the appointing Levy Court Commissioner. During the term of the appointment, a member must maintain residency within the Levy Court district from which appointed.

124.2.1 Qualifications

Delete in entirety

124.6 Board Decision

Line 2 - insert "four" where it states "three"

SECTION 125.0 CONTRACTOR LICENSE -Add New Section

125.1 Business License -Add New Section  
All contractors shall possess a current business license with the State of Delaware.

SECTION 311.0 USE GROUP U. UTILITY AND MISCELLANEOUS USES

311.1 Delete -Add New Section  
General: Buildings and structures of an accessory character and miscellaneous structures not classified in any specific use group shall be constructed, equipped and maintained to meet the requirements of this code commensurate with the fire and life hazard incidental to their use. Utility and miscellaneous uses shall include fences, tanks, cooling towers, retaining walls and buildings such as private garages, carports, sheds and agricultural buildings.

SECTION 512.0 PHYSICALLY HANDICAPPED AND AGED

Section 512.4.1 Delete -Add New Section  
Scoping for Accessibility Provisions:

a. Accessible Parking Space

TABLE A

<u>Total Parking in Lot</u>	<u>Required # of Accessible Spaces</u>
up to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1000	2% of total
over 1000	20 plus 1 for each 100 over 1000

b. Assembly Seating Accommodations

Places of assembly with fixed seating arrangements shall provide accessible positions for persons in wheelchairs in accordance with Table B.

TABLE B  
PLACES OF ASSEMBLY, ACCESSIBLE POSITIONS

<u>Capacity of Assembly Space</u>	<u>Number of Viewing Positions</u>
up to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1000	2% of total
over 1000	20 plus 1 for each 1000

**SECTION 515.0 FARM BUILDINGS**

-Add New Section

**515.1 Agricultural Exemption**

-Add New Section

That all farm buildings except dwellings, used exclusively for farming or agriculture of any nature, to be exempt from the Kent County Building Code, except that a Plot Plan and Building Permit be obtained and cost data supplied to the Kent County Building Official's Office.

**515.2 Demolition and Moving of Farm Buildings**-Add New Section  
Section 114.3.10 "Moving of Buildings" and Section 114.3.4 "Demolition of Buildings" of the Kent County Supplement to the BOCA Basic Building Code/1990 shall apply to all farm buildings.

**SECTION 600.0 GENERAL**

**600.1 Delete in entirety**

-Add New Section

Scope - All buildings and structures shall comply with the requirements of the Fire Prevention Rules and Regulations of the State of Delaware. Reference to these regulations is essential for additional requirements and more restrictive regulations for special permits, certificate of fitness, required inspections and for administrative authority and jurisdiction.

SECTION 602.0 HIGH-RISE BUILDINGS

Section 602.14 Seismic Consideration

-Delete Section

SECTION 620.0 MOBILE/MANUFACTURED HOMES

620.3.1 Delete

-Add New Section

Tie Down Anchors: All mobile/manufactured dwelling units shall be anchored in accordance with manufacturer's installation instructions. Manufacturer's installation instructions shall be submitted at time of placement permit application. In lieu of manufacturer's installation instructions, anchors to be spaced a minimum of 10 feet apart on center. Each tie down anchor will be a minimum of forty-eight inches (48") long with auger or thirty-six inches (36") long with double auger and each anchor will have an approved tightening device.

620.4 Foundation

-Add New Section

Bottom foundation blocks shall be either 4"x8"x16" solid concrete blocks or 8"x8"x16" solid concrete blocks. Blocks above the foundation blocks can be single 8"x8"x16" concrete blocks. All pier or block foundations shall have a short wood shim not to exceed 4" in thickness. All piers or blocks shall have a footing at least 20"x20"x4" preferably concrete, but sand or solid earth could be considered. Concrete runners (optional) if used instead of piers shall be at least 4" thick by 16" wide and properly reinforced with tie down eyes embedded in the concrete every 10'. Single concrete 8"x8"x16" blocking may be used and shimming is required to level unit.

620.5 Height Limitations

-Add New Section

All mobile/manufactured homes shall have an 18" minimum crawl space under the utility area. The maximum height of unit shall be 32" or four(4) blocks above ground level. The only exception from this would be extreme contours in lot area where piers would be permissible under these conditions, and 100-year Flood Plain.

620.6 Skirting

-Add New Section

Mobile/manufactured home skirting shall be metal or acceptable fireproof or fire resistant material applied to wood or metal frame. Two access panels will be provided for servicing utilities and/or for storage. Suggested one (1) on each side or one (1) on one side and one (1) on end. Panel will be minimum of 30" wide. All skirting will be provided with four (4) louvered vents, a minimum of 8"x16", two (2) on each side of unit. This is to provide proper ventilation under mobile home and to eliminate condensation.



## SECTION 623.0 SWIMMING POOLS

623.6.1 Delete -Add New Section  
Water treatment: Public and semi-public swimming pools shall be designed, installed and maintained in accordance with the rules and regulations of the State Board of Health.

623.11 Electrical Wires -Add New Section  
No public or private swimming pools shall be constructed where existing overhead utility wires are located in compliance with the latest edition of the National Electrical Code.

## SECTION 809.0 NUMBER OF EXITS

809.3 Replace first sentence to read:  
Buildings: Two (2) exits shall be required in buildings of Use Group R-3...

## SECTION 1205.0 DEPTH OF FOOTINGS

1205.1 Delete -Add New Section  
Shed, Utility Buildings, and Accessory Buildings: All structures 216 square feet and under shall be level and secured with tie down or equivalent of mobile home fastening devices, 48" long or twin 36" augured steel approved anchors, one per corner. All lumber and wood siding to be pressure treated from grade to 8" above finish grade.

1205.1.1 Accessory Building over 216 Square Feet-Add New Section  
All structures over 216 square feet, except pole type construction, shall require a footing and foundation as in the provisions set for in the 1989 CABO One & Two Family Dwelling Code and the Kent County Supplement/1990.

## SECTION 1209.0 CONCRETE FOOTINGS

1209.2.1 Grade Stakes -Add New Section  
Wood or metal stakes no larger than 3/4" square may be used.

1209.3.2.1 Reinforcement Bars in Concrete Footings -Add New Section  
Wooden stakes are not permitted to support reinforcement bars.

**ARTICLE 25 MECHANICAL EQUIPMENT AND SYSTEMS**

Delete entire article

-Add New Section

**INSTALLATION OF GAS/OIL FIRED FURNACES FLOOR FURNACES OR WATER HEATERS IN RESIDENTIAL GARAGES**

2501.0 Distance Above Floor

-Add New Section

Gas utilization equipment in residential garages shall be installed so that all burners and burner ignition devices are located not less than 18 inches above the floor.

2501.1 Floor Furnaces

-Add New Section

Listed floor furnaces shall be installed in accordance with their listing and the manufacturer's instructions.

2501.2 Partition

-Add New Section

The equipment is enclosed by a partition of a 1-hour fire resistive rating. Any opening shall be protected with a self-closing fire door and frame assembly.

2501.3 Combustion Air

-Add New Section

Combustion air shall be taken from the outside of the building. The openings shall communicate directly or by ducts, with the outdoors and spaces (crawl or attic) that freely communicates with the outdoors.

2501.4 Protection

-Add New Section

Such equipment shall be located or protected so it is not subject to physical damage by a vehicle.

2501.5 Door Sill

-Add New Section

The door sill shall be constructed of non-combustible materials and have a tight fit.

**ARTICLE 26 ELEVATOR, DUMBWAITER AND CONVEYOR EQUIPMENT, INSTALLATION AND MAINTENANCE**

Delete entire article

**ARTICLE 27 ELECTRICAL WIRING, EQUIPMENT AND SYSTEMS**

Delete entire article

**ARTICLE 28 PLUMBING SYSTEMS**

Delete entire article

**SECTION 2906.0 BONDS AND LIABILITY INSURANCE**

2906.1 Delete -Add New Section  
Filing: No person shall erect, place or construct a sign until an approved certificate of liability insurance has been filed. Liability insurance shall be in the amount of \$300,000 to 1,000,000.

"County of Kent, State of Delaware" shall be inserted into this section.

**SECTION 3100.0 ENERGY CONSERVATION**

3100.3 Minimum Insulation -Add New Section  
Installation of minimum insulation materials shall be required in all single and multi-family residential construction. Standard requirements for Thermal Resistance (R) shall be as follows:

Composite Exterior Walls.....R-11 (minimum)

Ceilings.....R-30

**Floors**

(a) Perimeter slab insulation, 24" depth from bottom of slab, plus 24" horizontal.....R-5

(b) Over outside vented crawlspace or raised construction.....R-19

Basements - Where the initial construction includes finished living area, walls shall be insulated as composite exterior walls.

Heat or A/C Ducts - Where ducts are located beyond insulated area.....R-7

Vapor Barriers - Vapor Barriers shall be provided on all insulated walls, ceilings, floors and earthen floored crawlspaces.

## 1989 CABO ONE & TWO FAMILY DWELLING CODE

The 1989 CABO One & Two Family Dwelling Code is to be adopted, as per BOCA 309.5, in its entirety with the following exceptions.

Part I - Administration - Delete

Table R201.2 Climatic & Geographic Design Criteria

Insert: Roof Live Load - 20  
Roof Snow Load - 10  
Wind Pressure - 24  
Seismic Condition by Zone - 0  
Subject to Damage from:  
Weathering - Severe  
Frost Line Depth - 24"  
Subject to Damage from:  
Termite - yes  
Decay - yes

### SECTION R-303-FOOTINGS

R303.1 Footing Size -Add New Section  
Minimum thickness of a footing shall be the nominal width of the wall. In any case, footing thickness shall be a minimum of 8". The nominal width of the footing shall be twice the nominal thickness of the wall. On a two-story section of a building, footings to be a minimum of 24" wide and 10" thick. All footings to be reinforced with two (2) #4 bars wired together with 15" overlap. All other provisions shall be provided as set forth by this Code.

R303.2 Pier Footing -Add New Section  
All Pier footings for columns shall be 24"x24"x12" concrete.

### SECTION R-304-FOUNDATION WALLS

R304.7 Foundation Design -Add New Section  
When an architect's or engineer's seal is not imprinted on plans, accepted engineering practices may prevail for construction of foundations. See table R304.3a and table R304.3b  
When four (4) or more feet of unbalanced fill is required, the following conditions must be met:

1. Duro-wall is to be placed every third course;
2. 4"x16" pilasters are to be tied into main wall as follows:
  - a. 8" block - 12' on center minimum

- b. 10" block - 14' on center minimum
  - c. 12" block - 18' on center minimum;
3. In lieu of pilasters in 12" block, a substitution of vertical reinforcement in grout filled cores of blocks at a minimum of 12' on center may be made.
- Applicant or home owner to assume responsibility of design of foundation.

**SECTION R-602-DIMENSION LUMBER**

**R602.10 Steel Beams** -Add New Section  
 Steel for girders, beams or headers may be used with certification from an accepted engineer, architect, or a certified testing lab registered in the State of Delaware.

**PART IV MECHANICAL**

Adopt the following section, tables and figures:

**Chapter 10 - Mechanical - Materials and Definitions**

- Section M-1001 Application
- Section M-1002 Definitions

**Chapter 11 - Equipment, General**

- Section M-1102 Appliance Clearance
- Section M-1104 Shutoff Valve
- Section M-1106 Appliance Access
- Section M-1108 Ranges-Vertical Clearance Above Cooking Top
  
- Section M-1108.2 Range Hood Installation
- Section M-1111 Clothes Dryers (Moisture Exhaust)
- Section M-1114 Appliance
- Table No. M-1102a Standard Installation Clearance for Unlisted Heat-Producing Appliances
- Table No. M-1102b Maximum Reduced Clearance (inches), With Specified Forms of Protection
- Figure N. M-1102 Construction Using Combustible Material, Plastered or Unplastered

**Chapter 12 Combustion Air**

- Section M-1201 General Air Supply
- Section M-1203 Air Supply
- Section M-1204 Combustion Air Source
- Section M-1205 Attic Combustion Air
- Table No. M-1211 Appliance Room Combustion Air Requirements in Cold Climates (Tight Construction)

**Chapter 13 Warm-Air Furnace**

- Section M-1301 Access
- Section M-1304 Prohibited Location
- Section M-1306 Attic Furnaces

**Chapter 14 Vented Decorative Appliance, Floor Furnaces, Vented Wall Furnaces and Vented Room Heaters**

- Section M-1401 General
- Section M-1404 Floor Furnace Access

**Chapter 15 Venting and Appliances**

- Section M-1501 General
- Section M-1502 Type of Venting Systems Required
- Section M-1505.3 Clearance
- Section M-1509 Type B or BW Vent Termination
- Section M-1510 Type L Vent Termination
- Section M-1513 Multiple Appliance Venting System
- Section M-1516.1.2 Enclosure
- Section M-1516.1.3 Single Wall Connectors
- Section M-1516.2.2.6 Passage Through Walls or Partitions
- Section M-1516.2.2.7 Length
- Section M-1516.2.2.8 Access
- Table No. M-1502 Venting System Selection Chart  
(Type of Venting System)
- Table No. M-1516.1 Chimney Connector and Vent Connector  
Clearances from Combustible Materials

**Chapter 16 Ducts**

- Section M-1601.1 Ducts
- Section M-1601.2 Joists and Spans of Ducts
- Section M-1603.2 Installation

**Chapter 17 Comfort Cooling**

- Section M-1701.2 Condensate Disposal

**Chapter 19 Fuel Supply Systems**

- Section M-1904 Authority to Disconnect
- Section M-1909 Valves
- Section M-1912 Size General
- Section M-1917.2 Shutoff Valves

**PART V PLUMBING**

Delete entire Part.

**PART VI ELECTRICAL**

Delete entire Part.

**PART VII ENERGY CONSERVATION**

Delete entire Part.

Appendix C - Delete in entirety.

Appendix D - Delete in entirety.

Appendix E - Delete in entirety.

