

and floors. Continuous vapor barriers on ceilings, walls, and floors require adequate moisture vapor control in the conditioned space.

(ii) All vapor producing or exhaust equipment shall be ducted to the outside and equipped with dampers. This equipment includes rangehoods, bathroom exhaust fans and clothes dryers. If a dwelling design proposes the use of windows to satisfy the kitchen and/or bathroom ventilation requirements of the development standards, the incorporation of dehumidification equipment should be considered in accordance with paragraph IV D 3 b. Exhaust of any equipment shall not terminate in an attic or crawl space.

b. Recommendation: Forced air heating/cooling systems should include humidification/dehumidification systems where conditions indicate.

E. [Reserved]

F. *New SFH construction.* New SFH construction shall meet the requirements of CABO Model Energy Code, 1992 Edition (MEC-92).

G. *New manufactured housing.*

The Uo Value Zone indicated on the "Heating Certificate" for comfort heating shall be equal to or greater than the HUD Zone listed in the following table:

RHS climate zones (winter degree days)	FMHCSS (HUD code) Uo value zones
0-1000	1
1001-2500	2
2501-4500	2
4501-6000	3
> 6000	3

Example: If a manufactured home is to be located in a geographic area having between 2501 and 4500 RHS winter degree days, the Agency will accept a Uo value Zone 2 unit or Zone 3 unit constructed to the HUD FMHCSS.

If a central air conditioning system is provided by the home manufacturer, a "Comfort

Cooling Certificate" must be permanently affixed to an interior surface of the unit that is readily visible. This certificate may be combined with the heating certificate on the data plate.

V. *General Design Recommendations:*

A. Orient homes with greatest glass area facing south with adequate overhangs to control solar gain during non-heating periods. Examples of proper roof overhangs are given in attachment 3 to this exhibit D (available in any FmHA or its successor agency under Public Law 103-354 office).

B. Arrange plantings with evergreen wind buffers on north side and deciduous trees on south.

C. Whenever possible, orient entry door away from winter winds.

D. Design house with simple shape to minimize exterior wall area.

E. Minimize glass areas within constraints of required light and ventilation, applicable safety codes and other appropriate consideration.

F. Minimize the amount of paved surface adjacent to the structure where heat gain is not desirable.

VI. *State Supplements:* State supplements or policies will not be issued or adopted to either supplement or set requirements different from those of this exhibit without the prior written approval of the National Office.

[52 FR 8002, Mar. 13, 1987, as amended at 54 FR 6874, Feb. 15, 1989; 59 FR 43723, Aug. 25, 1994; 64 FR 48085, Sept. 2, 1999; 72 FR 70221, Dec. 11, 2007]

EXHIBIT E TO SUBPART A OF PART 1924—
VOLUNTARY NATIONAL MODEL BUILDING CODES

The following documents address the health and safety aspects of buildings and related structures and are voluntary national model building codes as defined in §1924.4(h)(2) of this subpart. Copies of these documents may be obtained as indicated below:

Building code	Plumbing code	Mechanical code	Electrical code
BOCA Basic/National Building Code ¹ .	BOCA Basic/National Plumbing Code ¹ .	BOCA Basic/National Mechanical Code ¹ .	National Electrical Code ⁵
Standard Building Code ²	Standard Plumbing Code ²	Standard Mechanical Code ²	
Uniform Building Code ³	Uniform Plumbing Code ³	Uniform Mechanical Code ³	
CABO One and Two Family Dwelling Code ⁴ .			

¹ Building Officials and Code Administrators International, Inc., 4051 West Flossmoor Road, Country Club Hills, Illinois 60477.

² Southern Building Code Congress International, Inc., 900 Montclair Road, Birmingham, Alabama 35213-1206.

³ International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, California 90601.

⁴ Council of American Building Officials, 5203 Leesburg Pike, Falls Church, Virginia 22041.

⁵ National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.