

Title XV *Land Usage* of the Town Code of Ordinances
Section 150.300 *Codes Adopted of the of Development Code*

(A) The following publications are adopted by reference:

- (1) International Building Code, 2006 Edition;
- (2) International Residential Code, 2006 Edition, including Appendices H and M.
- (3) International Mechanical Code, 2006 Edition;
- (4) International Plumbing Code, 2006 Edition;
- (5) International Property Maintenance Code, 2006 Edition;
- (6) International Fuel Gas Code, 2006 Edition;
- (7) International Energy Conservation Code, 2006 Edition;
- (8) National Electrical Code, 2005 Edition;
- (9) International Accessible and Usable Buildings and Facilities Code, 2003 Edition; and
- (10) International Fire Code, 2006 Edition, including all Appendices.

(B) Addendums and alternatives to International Residential Code, 2006 Edition.

(1) Under the authority of IRC Section 104.11, Alternative Methods, the Town of Florence will approve a written request to allow the use of the provisions of the 2000 or 2003 IRC Section 401.3 for drainage designs.

(2) Under IRC Section N1103.2.1, the following table shall be incorporated to allow for trade-off options:

Trade-off Options for R-8 Duct Insulation
AC, Insulation and Fenestration Requirements by Component (a)
(CMOD 060366)

Climate Zone 2	SEER Rating	Duct Insulation (R-Value)		Fenestration (c)		Insulation R-Value	
		Uncond Space	Floor Trusses (d)	U Factor	SHGC	Wall Cavity	Ceiling
IECC (b) Requirement	13	8	6	.75	.40	13	30
Option A	14	6	6	.75	.40	13	30
Option B	13	6	6	.64	.35	13	30

Option C	13	6	6	.75	.40	19	30
Option D	National energy efficiency programs such as Energy Star, Energy Star Plus, Engineered for Life, and Environments for Living shall be deemed as meeting the requirements for energy compliance. Other methods shall be approved by the Town Building Official through modification, as stated in Section 404.4 of the 2004 IECC.						
Option E	13	6	6	Any other combination of fenestration and insulation R-Values where the annual energy cost is less than or equal to the annual energy cost of the IECC Requirement. (See IECC Section 404)			

- a. R-values are minimums. U-factors and SHGC are maximums. R-19 shall be permitted to be compressed into a 2x6 cavity.
- b. From Table 402.1 in the 2004 IECC Supplement and Table 402.1.1 in the 2006 IECC.
- c. The fenestration U-factor column includes skylights. The SHGC column applies to all glazed fenestration.
- d. Per the Exception to 403.2.1 uninsulated ducts are permitted when they are located completely inside the building envelope.

Application to existing approved standard plans

- Plot plan applications must include which option will be utilized. Town will note option on permit to be posted on site.
- Options D & E require energy calculations attached to Town approved field set of plans.

(C) Addendums and alternatives to International Fire Code, 2006 Edition.

(1) Under IFC Section 903.2.7 Group R: An automatic fire sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area, except this provision shall not be mandatory for one and two family dwellings.

(2) Under IFC Section 903.2.7.1 Group R, Division 4: All Group R Division 4 occupancies licensed by the Department of Health Services for more than five residents or day care shall be required to install a residential fire sprinkler system for the livable area of the building. If any portion of the patio has livable space directly above the patio, the patio space shall have fire sprinkler protection below the livable space.