



# Residential Trade-Off Worksheet Envelope

2007 New York State Energy Conservation Construction Code

Builder Name: _____	Date: _____
Builder Address: _____	
Building Address: _____	
Project Description: _____	Zone #: _____
Submitted By: _____	Phone #: _____

PROPOSED	REQUIRED
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U-factors and F-factors can be found in Tables 1-10  
**Ceilings, Skylights, and Floors Over Outside Air**

Description	Insulation R-value	U-factor	x Area	= UA
Ceiling			ft <sup>2</sup>	
Floor Over Outside Air			ft <sup>2</sup>	
Skylight			ft <sup>2</sup>	
			ft <sup>2</sup>	
			ft <sup>2</sup>	
Ceilings: Total Area			ft <sup>2</sup>	

Required U-factor	x Area	= UA
	ft <sup>2</sup>	

**Walls, Windows, and Doors**

Description	Insulation R-value	U-factor	x Area	= UA
Wall			ft <sup>2</sup>	
Window			ft <sup>2</sup>	
Door			ft <sup>2</sup>	
Sliding Glass Door			ft <sup>2</sup>	
			ft <sup>2</sup>	
			ft <sup>2</sup>	
Walls: Total Area			ft <sup>2</sup>	

Required U-factor	x Area	= UA
	ft <sup>2</sup>	

**Floors and Foundations**

Description	Insul - Depth	Insulation R-value	U-factor	x Area	= UA
Floor Over Unconditioned				ft <sup>2</sup>	
Basement Wall				ft <sup>2</sup>	
Unheated Slab	in			ft <sup>2</sup>	
Heated Slab	in			ft <sup>2</sup>	
Crawl Wall	in			ft <sup>2</sup>	
				ft <sup>2</sup>	

Required U-factor	x Area	= UA
	ft <sup>2</sup>	

Total Proposed UA

Total Required UA

**Total Proposed UA must be less than or equal to the Total Required UA**

**Statement of Compliance:** The proposed building design represented in these documents is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the requirements of the 2007 New York State Energy Conservation Construction Code.

Builder/Designer	Company Name	Date
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