

# APPENDIX CA

## FORMS

FLORIDA BUILDING CODE, ENERGY CONSERVATION CHAPTER C4—COMMERCIAL ENERGY EFFICIENCY					
Form C402-2017 ALTERATIONS, RENOVATIONS and BUILDING SYSTEMS					
			Climate Zone: _____		
Project Name:			Occupancy type:		
Address:			Alteration <input type="checkbox"/> Renovation <input type="checkbox"/> Building System <input type="checkbox"/>		
City, Zip Code:			Building Permit No.:		
Builder:			Permitting Office:		
Owner:					
BUILDING ENVELOPE INFORMATION (Where changed)					
Envelope Component	Description	Requirement		Efficiency	
		Location	Unit	Required	Installed
Roof type		Table C402.1.4 or Table C402.1.3	$\leq$ U-factor or $\geq$ R-value		
Roof reflectance/Emittance (low slope roofs)		Table C402.3	$\geq$ Solar reflectance, $\geq$ Thermal emittance		
Wall type, above grade					
Wall, below grade		Table C402.1.4 or Table C402.1.3	$\leq$ U-factor or $\geq$ R-value		
Floor type					
Vertical fenestrations		Table C402.4	$\leq$ U-factor		
			$\leq$ SHGC		
Skylights			$\leq$ U-factor		
			$\leq$ SHGC		
BUILDING SYSTEMS INFORMATION [for HVAC, service hot water or pool heating, lighting systems and replacement fenestration (C501.7)]					
System	Type (describe system)	Requirement		Efficiency	
		Location	Unit	Required	Installed
Air-conditioning system		Tables C403.2.3 (1-3, 6-8, 9-11)	SEER or EER, IEER		
Heating system		Tables C403.2.3 (2-6)	HSPF or COP AFUE, $E_r$ or $E_c$		
Ventilation/air handling system		Tables C403.2.12.1(1-2)	Fan power (cfm)		
Ducts	Location:	Table C403.2.9.1	R-value		
Piping	Fluid design operating temp:	Table C403.2.10	Inches		
Hot water		Table C404.2	EF, $E_r$ , COP		
Lighting	Space types: (append list)	Table C405.4.2 (1 or 2)	Lighting power density		
<b>Fenestrations: Enter information in BUILDING ENVELOPE INFORMATION box above.</b>					
Other: _____					
<b>COMPLIANCE IS BY ANSI/ASHRAE/IESNA 90.1</b> <input type="checkbox"/> (Submit alternate form or append documents as needed)					
I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Building Code, Energy Conservation. PREPARED BY: _____ DATE: _____			Review of plans and specifications covered by this calculation indicates compliance with the Florida Building Code, Energy Conservation. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S. BUILDING OFFICIAL: _____ DATE: _____		
I hereby certify that this building is in compliance with the Florida Building Code, Energy Conservation: OWNER/AGENT: _____ DATE: _____					