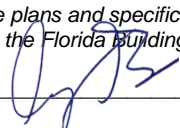


FLORIDA BUILDING CODE, ENERGY CONSERVATION CHAPTER C4—COMMERCIAL ENERGY EFFICIENCY					
Form C402-2023 ALTERATIONS, RENOVATIONS and BUILDING SYSTEMS					
			Climate Zone:	2A	
Project Name: Interior Alteration			Occupancy type: M		
Address: Town Center Bldg #3 1733 St Lucie W Blvd			Alteration <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Building System <input type="checkbox"/>		
City, Zip Code: Port St Lucie, FL 34986			Building Permit No.:		
Builder: Benderson Development			Permitting Office: St Lucie County		
Owner: Benderson Development					
BUILDING ENVELOPE INFORMATION (Where changed)					
Envelope Component	Description	Requirement		Efficiency	
		Location	Unit	Required	Installed
Roof type	Existing	Table C402.1.4 or Table C402.1.3	≤ U-factor or ≥ R-value	N/A	N/A
Roof reflectance/Emittance (low slope roofs)	Existing	Table C402.3	≥ Solar reflectance, ≥ Thermal emittance	N/A	N/A
Wall type, above grade	Existing	Table C402.1.4 or Table C402.1.3	≤ U-factor or ≥ R-value	N/A	N/A
Wall, below grade	Existing			N/A	N/A
Floor type	Existing			N/A	N/A
Vertical fenestrations	Existing	Table C402.4 or Table C402.1.1.1	≤ U-factor	N/A	N/A
			≤ SHGC	N/A	N/A
Skylights	N/A		≤ U-factor	N/A	N/A
			≤ SHGC	N/A	N/A
BUILDING SYSTEMS INFORMATION [for HVAC, service hot water or pool heating, lighting systems and replacement fenestration (C501.6)]					
System	Type (describe system)	Requirement		Efficiency	
		Location	Unit	Required	Installed
Air-conditioning system	(2) 13 Ton RTU (1) 7.5 Ton RTU (1) 5 Ton RTU	Tables C403.2.3 (1-3, 6-12, 14-17)	SEER, SEER2, EER, IEER CEER, COP, OR ISMRE	12.7 IEER 12.9 IEER 14.0 SEER	15.7 IEER 21.5 IEER 19.5 SEER
Dehumidifiers	N/A	Table C403.2.3(13)		N/A	N/A
Heating system	(2) 45.0KW HEAT (1) 22.5KW HEAT (1) 15.0KW HEAT	Tables C403.2.3 (2-5, 12, 14-16)	HSPF, HSPF2, COP, COPH, ISCOP, AFUE, Et or Ec	N/A	N/A
Ventilation/air handling system	N/A	Tables C403.2.12.1(1-2) Table C403.2.12.6 Table C403.2.12.7	Fan power (cfm), cfm/watt, CFEI	N/A	N/A
Ducts	Location: N/A	Table C403.2.9.1	R-value	N/A	N/A
Piping	Fluid design operating temp:	Table C403.2.10	Inches	N/A	N/A
Hot water	Existing	Table C404.2	EF, E _s , COP	N/A	N/A
Lighting	Space types: (append list)	Table C405.3.2 (1 or 2) Tables C405.4.2(2) and (3)	Lighting power density	N/A	N/A
Fenestrations: Enter information in BUILDING ENVELOPE INFORMATION box above.					
Other:					
COMPLIANCE IS BY ANSI/ASHRAE/IESNA 90.1 <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: 02/27/24			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: _____					