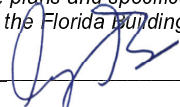


FLORIDA BUILDING CODE, ENERGY CONSERVATION CHAPTER C4—COMMERCIAL ENERGY EFFICIENCY					
Form C402-2020 ALTERATIONS, RENOVATIONS and BUILDING SYSTEMS					
			Climate Zone:	2A	
Project Name: Interior Alteration - Bldg 4			Occupancy type: A2		
Address: 1 Town Center @ Port St Lucie St Lucie West Blvd			Alteration <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Building System <input type="checkbox"/>		
City, Zip Code: Port St Lucie, Florida			Building Permit No.:		
Builder: Benderson Development			Permitting Office: Port St Lucie		
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	≤ 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 (C501.7)]					
System	Type (describe system)	Requirement		Efficiency	
		Location	Unit	Required	Installed
Air-conditioning system	(1) 7.5 Ton RTU	Tables C403.2.3 (1-3, 6-8, 9-11)	SEER or EER, IEER	11.2	12.9
	(1) 6 Ton RTU			11.2	12.9
Heating system	11.5kW/12.9kW	Tables C403.2.3 (2-6)	HSPF or COP AFUE, E _t or E _c	N/A	N/A
Ventilation/air handling system	N/A	Tables C403.2.12.1 (1-2)	Fan power (cfm)	N/A	N/A
Ducts	Location: Duct/Drop	Table C403.2.9.1	R-value	4.2	6.0
Piping	Fluid design operating temp:	Table C403.2.10	Inches	N/A	N/A
Hot water	N/A	Table C404.2	EF, E _t , COP	N/A	N/A
Lighting	Space types: (append list)	Table C405.3.2 (1 or 2)	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: 10/06/21			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.		
I hereby certify that this building is in compliance with the Florida Building Code, Energy Conservation: OWNER/AGENT: _____ DATE: _____			BUILDING OFFICIAL: _____ DATE: _____		