EnerPHit Verification

Photo or Drawing

Building:	1722 Pine Street Renovation - Historic building		
Street:	1722 Pine St		
Postcode/City:	19103	Philadelphia	
Province/Country:	Pennsylvania	USA	
Building type:	Historic Brick Rowhome		
Climate data set:	US0064a-Philadelphia		
Climate zone:	4: Warm-temperate	Altitude of location:	35 ft
Home owner / Client:	Laura Blau & Paul Thompson		
Street:	1005 S 7th St		
Postcode/City:	19147	Philadelphia	
Province/Country:	Pennsylvania	USA	

Architecture:	BluPath Design Inc		
Street:	1005 S 7th St		
Postcode/City:	19147	Philadelphia	
Province/Country:	Pennsylvania	USA	
Energy consultancy:	BluPath Design Inc		
Street:			
Postcode/City:			
Province/Country:			

Mechanical system:			
Street:			
Postcode/City:			
Province/Country:			
Certification:			
Street:			
Postcode/City:			
Province/Country:			

Year of construction:	1845	Interior temperature winter [°F]:	68.0	Interior temp. summer [°F]:	77.0
No. of dwelling units:	4	Internal heat gains (IHG) heating case [BTU/(hr.ft²)]:	0.80	IHG cooling case [BTU/(hr.ft²)]:	1.17
No. of occupants:	10.7	Specific capacity [BTU/F per ft² TFA]:	10.6	Mechanical cooling:	x

Specific building characteristics with reference to the treated floor area

				Criteria	Alternative criteria	Fullfilled?[2]
	Treated floor area ft²	5198				
Space heating	Heating demand kBTU/(ft²yr)	5.29	≤	6.34	-	yes
	Heating load BTU/(hr.ft²)	4.97	≤	-	-	
Space cooling	Cooling & dehum. demand kBTU/(ft²yr)	4.92	≤	5.71	5.71	yes
	Cooling load BTU/(hr.ft²)	4.40	≤	-	3.30	
	Frequency of overheating (> 77 °F) %	-	≤	-		-
	Frequency excessively high humidity (> 0.012 lb/lb) %	0.0	≤	10		yes
Airtightness	Pressurization test result n_{50} 1/hr	1.0	≤	1.0		yes
Non-renewable Primary Energy (PE)	PE demand kBTU/(ft²yr)	22.53	≤	38.68		yes
Primary Energy Renewable (PER)	PER demand kBTU/(ft²yr)	11.23	≤	-	-	-
	Generation of renewable energy (in relation to projected building footprint area) kBTU/(ft²yr)	0.00	≥	-	-	

[2] Empty field: Data missing; '-': No requirement

I confirm that the values given herein have been determined following the PHPP methodology and based on the characteristic values of the building. The PHPP calculations are attached to this verification.

EnerPHit Classic? yes

Task:	First name:	Surname:	Signature:
1-Designer	Laura	Blau	

Issued on:	City: