

Project Information

For: Brian & Heather Trujillo
Lake City, FL

Notes:

Design Information

Weather: Tallahassee Regional AP, FL, US

Winter Design Conditions

Outside db 29 °F
Inside db 70 °F
Design TD 41 °F

Heating Summary

Structure 23245 Btu/h
Ducts 10598 Btu/h
Central vent (0 cfm) 0 Btu/h
Humidification (none) 0 Btu/h
Piping 0 Btu/h
Equipment load 33843 Btu/h

Infiltration

Method Construction quality
Simplified Average 0

Area (ft²) 2225
Volume (ft³) 20025
Air changes/hour 0.32
Equip. A/V/F (cfm) 107

Heating Equipment Summary

Make Trade Model AHRI ref
Efficiency 80 AFUE
Heating input 0 Btu/h
Heating output 0 Btu/h
Temperature rise 0 °F
Actual air flow 1569 cfm
Air flow factor 0.046 cfm/Btu/h
Static pressure 0 in H2O
Space thermostat

Summer Design Conditions

Outside db 94 °F
Inside db 75 °F
Design TD 19 °F
M 50 %
Relative humidity 42 gr/lb
Moisture difference

Sensible Cooling Equipment Load Sizing

Structure 25724 Btu/h
Ducts 12521 Btu/h
Central vent (0 cfm) 0 Btu/h
Blower (none) 0 Btu/h
Use manufacturer's data Rate/swing multiplier 0.99
Equipment sensible load 37863 Btu/h

Latent Cooling Equipment Load Sizing

Structure 1518 Btu/h
Ducts 2378 Btu/h
Central vent (0 cfm) 0 Btu/h
Equipment latent load 3896 Btu/h
Equipment Total Load (Sens+Lat) 41759 Btu/h
Req. total capacity at 0.70 SHR 4.5 ton

Cooling Equipment Summary

Make Trade Model AHRI ref
Efficiency 0 SEER
Sensible cooling 0 Btu/h
Latent cooling 0 Btu/h
Total cooling 0 Btu/h
Actual air flow 1569 cfm
Air flow factor 0.041 cfm/Btu/h
Static pressure 0 in H2O
Load sensible heat ratio

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

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[illegible]

5593 SW 28TH LANE, JASPER, FL 32052 Phone: 386-792-4179 Email: greensales2@windstream.net

Right-® Worksheet
Entire House
GREENS SALES AND SERVICE

Job:
Date: Aug 31, 2021
By:

[illegible]

[illegible]

5583 SW 28TH LANE, JASPER, FL 32052 Phone: 386-792-1179 Email: greensales2@windstream.net

Right-® Worksheet
Entire House
GREENS SALES AND SERVICE

Job:
Date: Aug 31, 2021
By:

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

[illegible]

5563 SW 28TH LANE, JASPER, FL 32052 Phone: 386-792-1179 Email: greenales2@windstream.net

Right-® Worksheet
Entire House
GREENS SALES AND SERVICE

Job:
Date: Aug 31, 2021
By:

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

[illegible]

5503 SW 20TH LANE, JASPER, FL 32052 Phone: 386-792-1179 Email: greasales2@windstream.net

GREENS SALES AND SERVICE

Right-98® Form J1
Entire House

Job:
Date:
By:

Job:
Date:
By:

Aug 31, 2021

5593 SW 28TH LANE, JASPER, FL 32052 Phone: 395-792-1179 Email: greenstee2@windstream.net

[illegible]

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Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

[illegible]

5503 SW 28TH LANE, JASPER, FL 32052 Phone: 386-792-1179 Email: greensales2@windstream.net

GREENS SALES AND SERVICE

Right-98® Form J1
Entire House

100% (100%)

Job:
Date: Aug 31, 2021
By:

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[illegible]

5503 SW 28TH LANE, JASPER, FL 32052 Phone: 305-792-1179 Email: greensales2@windstream.net

Right-18® Form J1
Entire House
GREENS SALES AND SERVICE

Job:
Date: Aug 31, 2021
By:

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Name of Room	Running Feet of Exposed Wall	Ceiling Ht (ft) and Gross Wall Area (SqFt)	Room Dimensions (ft) and Floor Plan Area (SqFt)	Ceiling Slope (Deg) and Gross Ceiling Area (SqFt)	Type of Exposure	Const. Number	Panel Faces	HTM	Htg. Ctg.	Area or Length	Heating	S-Ctg	L-Ctg	Area or Length	Heating	S-Ctg	L-Ctg	Bluh	Bluh	Total
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 8	15.0 ft	558.0 ft	240.0 ft	240.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	9.0 ft	104.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	9.0 ft	104.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw	12C-0sw
Room 9	8.0 ft	378.0 ft	104.0 ft	104.0 ft	Wall Glaz	12C-0sw														

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Right-18® Form J1
Entire House
GREENS SALES AND SERVICE

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By:

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5553 SW 28TH LANE, JASPER, FL 32052 Phone: 386-792-1179 Email: greenkates2@windstream.net

Right-18® Form J1
Entire House
GREENS SALES AND SERVICE

Job:
Date: Aug 31, 2021
By:

J1 Form - Worksheet A
Entire House
GREENS SALES AND SERVICE

Job:
Date: Aug 31, 2021
By:

5593 SW 28TH LANE, JASPER, FL 32052 Phone: 386-792-1179 Email: greensales@windstream.net

Supporting Detail	
Project Name:	Trujillo
Address:	Lake City, FL
Phone:	Job ID:

Worksheet A Location and Design Conditions	
Weather Location: Tallahassee Regional AP, FL, US	
Elevation = 69	Latitude = 30
Indoor Conditions, Heating: DB = 70 °F RH = 30 % Indoor Conditions, Cooling: DB = 75 °F RH = 50 %	
Table 1 Conditions 99% DB = 29 °F 1% DB = 94 °F Grains Difference = 42 gr/lb Daily Range = M	
Design Temperature Differences	
HTD = 41 °F	CTD = 19 °F

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