Collier County
Build It!
REVIEWED FOR CODE COMPLIANCE

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 95

The lower the Energy Performance Index, the more efficient the home.

1. New home or, addition	1. New (From Plans)
2. Single-family or multiple-family	2. Single-family
3. No. of units (if multiple-family)	3. 1
4. Number of bedrooms	4. 2
5. Is this a worst case? (yes/no)	5. No
6. Conditioned floor area (sq. ft.)	6. 971
7. Windows, type and area	
a) U-factor:(weighted average)	7a. 0.645
b) Solar Heat Gain Coefficient (SHGC)	7b. 0.211
c) Area	7c. 97.1
8. Skylights	
a) U-factor:(weighted average)	8a. NA
b) Solar Heat Gain Coefficient (SHGC)	8b. NA
9. Floor type, insulation level:	
a) Slab-on-grade (R-value)	9a. 0.0
b) Wood, raised (R-value)	9b.
c) Concrete, raised (R-value)	9c.
10. Wall type and insulation:	
A. Exterior:	
1. Wood frame (Insulation R-value)	10A1.
2. Masonry (Insulation R-value)	10A2. 4.1
B. Adjacent:	
1. Wood frame (Insulation R-value)	10B1.
2. Masonry (Insulation R-value)	10B2.
11. Ceiling type and insulation level	
a) Under attic	11a. 30.0
b) Single assembly	11b.
c) Knee walls/skylight walls	11c.
d) Radiant barrier installed	11d. Yes
12. Ducts, location & insulation level	
a) Supply ducts	R 6.0
b) Return ducts	R 6.0
c) AHU location	Attic
13. Cooling system:	Capacity 30.0
a) Split system	SEER
b) Single package	SEER
c) Ground/water source	SEER/COP
d) Room unit/PTAC	EER
e) Other	16.0
14. Heating system:	Capacity 10.0
a) Split system heat pump	HSPF
b) Single package heat pump	HSPF
c) Electric resistance	COP 1.0
d) Gas furnace, natural gas	AFUE
e) Gas furnace, LPG	AFUE
f) Other	
15. Water heating system	
a) Electric resistance	EF 1.00
b) Gas fired, natural gas	EF
c) Gas fired, LPG	EF
d) Solar system with tank	EF
e) Dedicated heat pump with tank	EF
f) Heat recovery unit	HeatRec%
g) Other	
16. HVAC credits claimed (Performance Method)	
a) Ceiling fans	Yes
b) Cross ventilation	No
c) Whole house fan	No
d) Multizone cooling credit	
e) Multizone heating credit	
f) Programmable thermostat	Yes

*Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

I certify that this home has complied with the Florida Building Code, Energy Conservation, through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL display card will be completed based on installed code compliant features.

Builder Signature:_____ Date:_____

Address of New Home: 367 14TH AVE NE City/FL Zip: NAPLES, FL 34120

FORM R405-2017

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	T METRO - 971	Builder Name:	T METRO CONSTRUCTION
Street:	367 14TH AVE NE	Permit Office:	COLLIER
City, State, Zip:	NAPLES , FL , 34120	Permit Number:	PRBD20180638284
Owner:		Jurisdiction:	211000
Design Location:	FL, Lee/Collier	County:	COLLIER (Florida Climate Zone 1)

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	2
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft²)	971
Conditioned floor area below grade (ft²)	0

7. Windows(97.1 sqft.)	Description	Area
a. U-Factor:	Sgl, U=0.64	86.42 ft²
SHGC:	SHGC=0.21	
b. U-Factor:	Sgl, U=0.69	10.67 ft²
SHGC:	SHGC=0.22	
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		2.000 ft.
Area Weighted Average SHGC:		0.211

8. Floor Types (971.0 sqft.)	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	971.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types (1206.0 sqft.)	Insulation	Area
a. Concrete Block - Int Insul, Exterior	R=4.1	1206.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types (971.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	971.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: Attic	6	120

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	30.0	SEER:16.00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Strip Heat	10.0	COP:1.00

14. Hot water systems	
a. Electric	Cap: 40 gallons
	EF: 1.000
b. Conservation features	
None	
15. Credits	CF, Pstat

Glass/Floor Area: 0.100

Total Proposed Modified Loads: 40.03

Total Baseline Loads: 42.31

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: 10/6/20

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 6.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	T METRO - 971	Bedrooms:	2	Address Type:	Street Address
Building Type:	User	Conditioned Area:	971	Lot #	
Owner Name:		Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	T METRO CONSTRUCTION	Rotate Angle:	90	Street:	367 14TH AVE NE
Permit Office:	COLLIER	Cross Ventilation:		County:	COLLIER
Jurisdiction:	211000	Whole House Fan:		City, State, Zip:	NAPLES , FL , 34120
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Lee/Collier	FL_SOUTHWEST_FLORI	46	91	70	75	321	58	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	971	8739

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	971	8739	Yes	2	2	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	134 ft	0	971 ft²	----	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Hip	Composition shingles	1052 ft²	0 ft²	Medium	Y	0.96	No	0.9	No	0	22.6

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	971 ft²	Y	N

CEILING

√	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	Double Batt	971 ft²	0.11	Wood

INPUT SUMMARY CHECKLIST REPORT

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
____	1	N=>E	Exterior	Concrete Block - Int Insul	Main	4.1	26		9		234.0 ft²		0	0.75	0
____	2	S=>W	Exterior	Concrete Block - Int Insul	Main	4.1	26		9		234.0 ft²		0	0.75	0
____	3	W=>N	Exterior	Concrete Block - Int Insul	Main	4.1	41		9		369.0 ft²		0	0.75	0
____	4	E=>S	Exterior	Concrete Block - Int Insul	Main	4.1	41		9		369.0 ft²		0	0.75	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
_____	1	N=>E	Insulated	Main	Wood	.46	2	8	8		21.3 ft²
_____	2	N=>E	Insulated	Main	None	.46	5	4	8		42.7 ft²
_____	3	S=>W	Insulated	Main	None	.46	5	4	8		42.7 ft²
_____	4	W=>N	Wood	Main	None	.46	2	6	8		20 ft²

WINDOWS

Orientation shown is the entered orientation (=>) changed to As Built (rotated 90 degrees).

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	N=>E	1	Metal	Low-E Single	Yes	0.64	0.21	Y	30.0 ft²	2 ft 0 in	2 ft 0 in	Drapes/blinds	None
_____	2	W=>N	3	Metal	Low-E Single	Yes	0.64	0.21	Y	9.0 ft²	2 ft 0 in	2 ft 0 in	Drapes/blinds	None
_____	3	W=>N	3	Metal	Low-E Single	Yes	0.64	0.21	Y	12.1 ft²	2 ft 0 in	2 ft 0 in	Drapes/blinds	None
_____	4	W=>N	3	Metal	Low-E Single	Yes	0.69	0.22	Y	10.7 ft²	2 ft 0 in	2 ft 0 in	Drapes/blinds	None
_____	5	E=>S	4	Metal	Low-E Single	Yes	0.64	0.21	Y	13.3 ft²	2 ft 0 in	2 ft 0 in	Drapes/blinds	None
_____	6	E=>S	4	Metal	Low-E Single	Yes	0.64	0.21	Y	22.1 ft²	2 ft 0 in	2 ft 0 in	Drapes/blinds	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000343	873.9	47.98	90.23	.1318	6

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
_____	1	Electric Strip Heat/	None	COP:1	10 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit/	None	SEER: 16	30 kBtu/hr	900 cfm	0.75	1	sys#1

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Main	1	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

√	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	Cool
_____	1	Attic	6	120 ft²	Attic	81 ft²	Default Leakage	Attic	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat: Y Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.	0 ft²	0 ft	0.3	Main

Residential System Sizing Calculation

Summary

Project Title:
T METRO - 971

367 14TH AVE NE
NAPLES, FL 34120

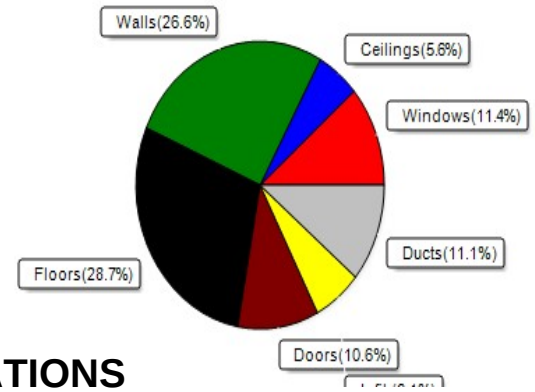
10/6/2020

Location for weather data: Lee/Collier, FL - Defaults: Latitude(26.53) Altitude(15 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(58gr.)						
Winter design temperature(TMY3 99%)	43	F		Summer design temperature(TMY3 99%)	93	F
Winter setpoint	70	F		Summer setpoint	75	F
Winter temperature difference	27	F		Summer temperature difference	18	F
Total heating load calculation	**14884**	**Btuh**		**Total cooling load calculation**	**12213**	**Btuh**
Submitted heating capacity	% of calc	Btuh		Submitted cooling capacity	% of calc	Btuh
Total (Electric Strip Heat)	67.2	10000		Sensible (SHR = 0.75)	221.5	22500
				Latent	364.9	7500
				Total	245.6	30000

WINTER CALCULATIONS

Winter Heating Load (for 971 sqft)

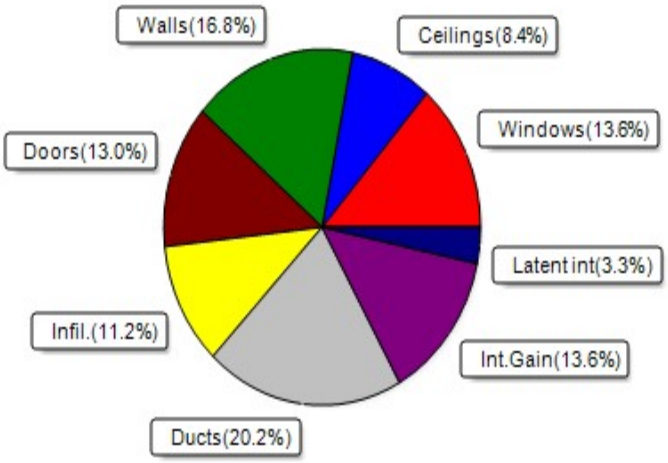
Load component			Load	
Window total	97	sqft	1692	Btuh
Wall total	982	sqft	3958	Btuh
Door total	127	sqft	1573	Btuh
Ceiling total	971	sqft	835	Btuh
Floor total	971	sqft	4269	Btuh
Infiltration	31	cfm	911	Btuh
Duct loss			1645	Btuh
Subtotal			**14884**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**14884**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 971 sqft)

Load component			Load	
Window total	97	sqft	1655	Btuh
Wall total	982	sqft	2052	Btuh
Door total	127	sqft	1591	Btuh
Ceiling total	971	sqft	1020	Btuh
Floor total			0	Btuh
Infiltration	23	cfm	456	Btuh
Internal gain			1660	Btuh
Duct gain			1723	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			**10158**	**Btuh**
Latent gain(ducts)			747	Btuh
Latent gain(infiltration)			908	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			400	Btuh
Total latent gain			**2055**	**Btuh**
TOTAL HEAT GAIN			**12213**	**Btuh**



8th Edition

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 10/6/20

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Project Title:
T METRO - 971

367 14TH AVE NE
NAPLES, FL 34120

10/6/2020

Reference City: Lee/Collier, FL Temperature Difference: 18.0F(TMY3 99%) Humidity difference: 58gr.

Component Loads for Whole House

	Type*					Overhang		Window Area(sqft)			HTM		Load
Window	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	1 NFRC	0.21, 0.64		B-L	No	E	2.0ft	2.0ft	30.0	0.0	30.0	14	24	734 Btuh
2	1 NFRC	0.21, 0.64		B-L	No	N	2.0ft	2.0ft	9.0	0.0	9.0	14	14	122 Btuh
3	1 NFRC	0.21, 0.64		B-L	No	N	2.0ft	2.0ft	12.1	0.0	12.1	14	14	164 Btuh
4	1 NFRC	0.22, 0.69		B-L	No	N	2.0ft	2.0ft	10.7	0.0	10.7	15	15	156 Btuh
5	1 NFRC	0.21, 0.64		B-L	No	S	2.0ft	2.0ft	13.3	13.3	0.0	14	15	180 Btuh
6	1 NFRC	0.21, 0.64		B-L	No	S	2.0ft	2.0ft	22.1	22.1	0.0	14	15	300 Btuh
	Window Total								97 (sqft)					1655 Btuh

Walls	Type	U-Value	R-Value Cav/Sheath	Area(sqft)	HTM	Load
1	Concrete Blk,Hollow - Ext	0.15	4.1/0.0	140.0	2.1	292 Btuh
2	Concrete Blk,Hollow - Ext	0.15	4.1/0.0	191.3	2.1	400 Btuh
3	Concrete Blk,Hollow - Ext	0.15	4.1/0.0	317.2	2.1	663 Btuh
4	Concrete Blk,Hollow - Ext	0.15	4.1/0.0	333.7	2.1	697 Btuh
	Wall Total			982 (sqft)		2052 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	21.3	8.7	186 Btuh
2	Insulated - Exterior	42.7	13.3	569 Btuh
3	Insulated - Exterior	42.7	13.3	569 Btuh
4	Wood - Exterior	20.0	13.3	267 Btuh
	Door Total	127 (sqft)		1591 Btuh

Ceilings	Type/Color/Surface	U-Value	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Shingle/RB	0.032	30.0/0.0	971.0	1.05	1020 Btuh
	Ceiling Total			971 (sqft)		1020 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	971 (ft-perimeter)	0.0	0 Btuh
	Floor Total		971.0 (sqft)		0 Btuh

	Envelope Subtotal:	6319 Btuh

Infiltration	Type	Average ACH	Volume(cuft)	Wall Ratio	CFM=	Load
	Natural	0.16	8739	1	23.0	456 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance	Load
		2	X 230	+	1200	1660 Btuh
				Sensible Envelope Load:		8435 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.204)		1723 Btuh
				Sensible Load All Zones		**10158 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title: Climate:FL_SOUTHWEST_FLORIDA_I
367 14TH AVE NE T METRO - 971
NAPLES, FL 34120

10/6/2020

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**8435**	**Btuh**
	Sensible Duct Load	1723	Btuh
	Total Sensible Zone Loads	**10158**	**Btuh**
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	**Total sensible gain**	**10158**	**Btuh**
Totals for Cooling	Latent infiltration gain (for 58 gr. humidity difference)	908	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	747	Btuh
	Latent occupant gain (2.0 people @ 200 Btuh per person)	400	Btuh
	Latent other gain	0	Btuh
	Latent total gain	**2055**	**Btuh**
	TOTAL GAIN	**12213**	**Btuh**

EQUIPMENT

1. Central Unit	#	30000 Btuh

*Key: Window types (Panes - Number and type of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value)
(U - Window U-Factor)
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
- For Blinds: Assume medium color, half closed
For Draperies: Assume medium weave, half closed
For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)

Version 8

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Project Title:
T METRO - 971
Building Type: User

367 14TH AVE NE
NAPLES, FL 34120

10/6/2020

Reference City: Lee/Collier, FL (Defaults) Winter Temperature Difference: 27.0 F (TMY3 99%)

Component Loads for Whole House

Window	Panes/Type	Frame	U	Orientation	Area(sqft) X	HTM=	Load
1	1, NFRC 0.21	Metal	0.64	E	30.0	17.3	518 Btuh
2	1, NFRC 0.21	Metal	0.64	N	9.0	17.3	156 Btuh
3	1, NFRC 0.21	Metal	0.64	N	12.1	17.3	209 Btuh
4	1, NFRC 0.22	Metal	0.69	N	10.7	18.6	199 Btuh
5	1, NFRC 0.21	Metal	0.64	S	13.3	17.3	229 Btuh
6	1, NFRC 0.21	Metal	0.64	S	22.1	17.3	382 Btuh
	Window Total				97.1(sqft)		1692 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area X	HTM=	Load
1	Conc Blk,Hollow	- Ext	(0.149)	4.1/0.0	140	4.03	564 Btuh
2	Conc Blk,Hollow	- Ext	(0.149)	4.1/0.0	191	4.03	771 Btuh
3	Conc Blk,Hollow	- Ext	(0.149)	4.1/0.0	317	4.03	1278 Btuh
4	Conc Blk,Hollow	- Ext	(0.149)	4.1/0.0	334	4.03	1344 Btuh
	Wall Total				982(sqft)		3958 Btuh
Doors	Type	Storm	Ueff.		Area X	HTM=	Load
1	Insulated - Exterior,	w	(0.460)		21	12.4	265 Btuh
2	Insulated - Exterior,	n	(0.460)		43	12.4	530 Btuh
3	Insulated - Exterior,	n	(0.460)		43	12.4	530 Btuh
4	Wood - Exterior,	n	(0.460)		20	12.4	248 Btuh
	Door Total				127(sqft)		1573Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shing		(0.032)	30.0/0.0	971	0.9	835 Btuh
	Ceiling Total				971(sqft)		835Btuh
Floors	Type		Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	134.0 ft(perim.)	31.9	4269 Btuh
	Floor Total				971 sqft		4269 Btuh
					Envelope Subtotal:		12327 Btuh
Infiltration	Type	Wholehouse	ACH	Volume(cuft)	Wall Ratio	CFM=	
	Natural		0.21	8739	1.00	30.7	911 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att)					(DLM of 0.124)	1645 Btuh
All Zones				**Sensible Subtotal All Zones**			**14884 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

367 14TH AVE NE
NAPLES, FL 34120

Project Title:
T METRO - 971
Building Type: User

10/6/2020

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	14884 Btuh 0 Btuh 14884 Btuh

EQUIPMENT

1. Electric Strip Heat		10000 Btuh

Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)
U - (Window U-Factor)
HTM - (ManualJ Heat Transfer Multiplier)

Version 8