ROOM BY ROOM

By RLF

Room Description: 117 BREAK ROOM

GENERAL INFORMATION

Floor Area: 185 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None

Room Type:Conditioned

Zone Description: Zone - 1-1-1

People Type: General Office Space

of People: 8 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

PEOPLE

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 % Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

System Description: AHU

AIRFLOW INFORMATION

CoolingHeatingVent Type:NoneNoneVent Value:0.00 cfm0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								(Glass			Adj Temp/	Pct Sen/	Pct Rm/		Rad Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl		Heat	Perm	Loss Coef
Roof - 1	200 ft ²	0	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
NORTH	250 ft ²	0	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	33	0.29	0.57	Overhang -	None	0.00				
Opening - 2			Door			90.1-13 Min Swinging	21	0.00	0.70	Overhang - None	None	0.00				
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)			None							100	100	0	60.00
Floor - 1															21	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 118 S TLT

Zone Description: Zone - 1-1-1

System Description: AHU **AIRFLOW INFORMATION**

Neutral, Average Const.

0.60 air changes/hr

Heating

0.00 cfm

None

GENERAL INFORMATION

Floor Area: 44 ft² FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

Infil Schedule: Available (100%) Vav Airflow:

Vav Sched: Available (100%)

Cooling

Infil Value: 0.60 air changes/hr

Infil Type: Neutral, Average Const.

Vent Type: None

Vent Value: 0.00 cfm

Vent Schedule: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								Glass			— Aaj — Temp/	Sen/	Rm/		Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft².°F	Type / Alpha Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl		Heat	Perm	
Roof - 1	29 ft²	0	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
Roof - 2	99 ft²	270	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
NORTH	104 ft ²	0	0 ASHRAE 90.1 MASS	0.1374	0.90										
WEST	83 ft²	270	0 ASHRAE 90.1 MASS	0.1374	0.90										
Floor - 1														16	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 119 CONF/CONSULT

Zone Description: Zone - 1-1-2

System Description: AHU

GENERAL INFORMATION

Floor Area: 102 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None

Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 4 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

 Cooling
 Heating

 Vent Type:
 None

 Vent Value:
 0.00 cfm

 0.00 cfm
 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								Glass			— Aaj — Temp/	Sen/ Rm/		Rad Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft².°F	Type / Alpha Energy Typ	Area e ft²	Shade Coef	U Value Btu/h·ft².°F		Internal Shading	Grnd Refl	Cool Heat Tmp Tmp	Perm L	Loss
Roof - 1	16 ft²	0	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None	·			
Roof - 2	94 ft ²	270	90 R-30 Roof	0.0314	0.90	0			Overhang - None	None				
WEST	108 ft²	270	0 ASHRAE 90.1 MASS	0.1374	0.90									
Opening - 1			Window		90.1-2013 W	/indow 16	0.29	0.57	Overhang -	None	0.00			
Floor - 1													9 0) 50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 120 PROVIDER OFF

Zone Description: Zone - 1-1-2 GENERAL INFORMATION

AIRFLOW INFORMATION

Floor Area:	113 ft²	Flr-Flr Height: 12.0 ft	
Plenum Height	3 N ft	Height Above Flr:	

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None Room Type:Conditioned **PEOPLE**

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%) Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

					_			(Glass			Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl			Perm	
Roof - 1	122 ft²	270	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None	·				
WEST	108 ft²	270	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window		9	0.1-2013 Window	16	0.29	0.57	Overhang -	None	0.00				
Floor - 1															9	0.50

Room Description: 111 TEAM STATION

System Description: AHU

System Description: AHU

GENERAL INFORMATION

FIr-FIr Height: 12.0 ft Floor Area: 150 ft2 Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Cla Tstat: None Htg Tstat: None

Misc Load 1

Thermostat Location:Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None Room Type:Conditioned Zone Description: Zone - 1-1-3

PEOPLE People Type: General Office Space

of People: 4 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

None

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling **Heating** Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%) Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

Adj Pct Pct Pct Rad Glass Rm/ Ret/ Frc/ Temp/ Sen/ U Value Const Type / Area Shade U Value External Area/ Type / Internal Grnd Cool Heat Perm Loss Btu/h·ft².°F Alpha Energy Type Btu/h·ft2.°F Description Amount Tilt Schedule ft2 Coef Shading Shading Refl Tmp Tmp Len Coef Roof - 1 67 R-30 Roof 0.0314 0.90 0 163 ft² 0 Overhang - None None

Project Name: HealthFirst Medico

1.00 W/sq ft

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Cooling Only (Design)

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022 Alternative - 1 Entered Values - Rooms Page 4 of 25

100 100

0 60.00

ROOM BY ROOM

By RLF

Room Description: 125 TEAM STATION

Zone Description: Zone - 1-1-3

System Description: AHU

	GENERALI	NECKINATION	

OFNEDAL INFORMATION Floor Area: 198 ft2 Flr-Flr Height: 12.0 ft Plenum Height: 3.0 ft Height Above FIr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Room Multiplier: 1 Humidistat Location:Room

CO2 Sensor Location: None Room Type:Conditioned **PEOPLE**

People Type: General Office Space

of People: 6 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								Glass			Temp/	Sen/	Rm/	Ret/	Frc/
	Area/		Const Type /	U Value	Type /	Area	Shade	U Value	External	Internal	Grnd	Cool	Heat	Perm	Loss
Description	Amount	Dir	Tilt Schedule	Btu/h·ft².°F	Alpha Energy T	ype ft²	Coef	Btu/h·ft².°F	Shading	Shading	Refl	Tmp	Tmp	Len	Coef
Roof - 1	99 ft²	270	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
Roof - 2	116 ft ²	0	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)		None							100	100	0 60	0.00

Room Description: 126 B TLT

Zone Description: Zone - 1-1-3

System Description: AHU

Pct Pct Pct Rad

GENERAL INFORMATION Floor Area: 198 ft2 FIr-FIr Height: 12.0 ft

Height Above Flr: Plenum Height: 3.0 ft

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1 Room Multiplier: 1 Humidistat Location:Room

CO2 Sensor Location: None

Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Adi

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%) Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

Adj Pct Pct Pct Rad Glass Ret/ Temp/ Sen/ Rm/ Frc/ U Value Shade U Value Perm Loss Area/ Const Type / Type / Area External Internal Grnd Cool Heat Btu/h·ft².°F Alpha Energy Type ft² Btu/h·ft2.°F Shading Description Amount Dir Tilt Schedule Coef Shading Refl Tmp Tmp Len Coef Roof - 1 137 ft² 67 R-30 Roof 0.0314 0.90 Overhang - None None

Project Name: HealthFirst Medico

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ROOM BY ROOM

By RLF

Room Description: 129 CORR CENTRAL

GENERAL INFORMATION Floor Area: 125 ft2 Flr-Flr Height: 12.0 ft

Plenum Height: 3.0 ft Height Above FIr: Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Room Multiplier: 1 Humidistat Location:Room

CO2 Sensor Location: None Room Type:Conditioned Zone Description: Zone - 1-1-3

PEOPLE People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 % Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

System Description: AHU

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

									Adj Po	ct Pct	Pct	Rad
						Glass		1	emp/ Se	n/ Rm/	Ret/	Frc/
	Area/	Const Type /	U Value Typ	oe / Area	Shade	U Value E	External Inte	ernal	Grnd Co	ol Heat	Perm	Loss
Description	Amount I	Dir Tilt Schedule	Btu/h·ft²-°F Alpha End	ergy Type ft²	Coef	Btu/h·ft².°F	Shading Sha	iding	Refl Tn	np Tmp	Len	Coef
Roof - 1	129 ft²	0 67 R-30 Roof	0.0314 0.90	0		Overh	nang - None Noi	ne				
Roof - 2	6 ft ² 1	180 67 R-30 Roof	0.0314 0.90	0		Overh	nang - None Noi	ne				

Room Description: 130 CORR

GENERAL INFORMATION FIr-FIr Height: 12.0 ft

Floor Area: 99 ft2 Plenum Height: 3.0 ft Height Above FIr:

Slab Cnstr Type: 4* LW Concrete Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Floor - 1

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None

Room Type:Conditioned

Zone Description: Zone - 1-1-3

PEOPLE People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

System Description: AHU

15 0.50

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%) Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

			Glass			¬ Temp/	Sen/	Ret/	Frc/
Description	Area/ Const Type / Amount Dir Tilt Schedule	U Value Type / Btu/h·ft²-°F Alpha Energy Type	Area Shade U Valu ft² Coef Btu/h·ft²·		Internal Shading	Grnd Refl		Perm	
Roof - 1	92 ft ² 0 67 R-30 Roof	0.0314 0.90	0	Overhang - None	None				
Roof - 2	15 ft ² 180 67 R-30 Roof	0.0314 0.90	0	Overhang - None	None				

Project Name: HealthFirst Medico

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Adi

Pct Pct Pct Rad

ROOM BY ROOM

By RLF

Room Description: 131 CORR

Floor Area: 224 ft²

Design Htg DB / Drift Point:

Design Relative Humidity:

Thermostat Location: Room

Humidistat Location:Room

CO2 Sensor Location: None

Moisture Capacitance:

Slab Cnstr Type: 4* LW Concrete

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F

Room Type:Conditioned

Plenum Height: 3.0 ft

Is There Carpet?: YES

Clg Tstat: None

Htg Tstat: None

Zone Description: Zone - 1-1-3 System Description: AHU **PEOPLE AIRFLOW INFORMATION** FIr-FIr Height: 12.0 ft People Type: General Office Space Cooling Heating Height Above FIr: # of People: 0 People Vent Type: None None People Sensible: 250 Btu/h Vent Value: 0.00 cfm 0.00 cfm Room Mass: Time delay based on actual mass People Latent: 200 Btu/h Vent Schedule: Available (100%) People Schedule: Cooling Only (Design) Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr Infil Schedule: Available (100%) Workstation: 0.0 workstation/person Vav Airflow: Vav Sched: Available (100%) LIGHTS Supply: To be calculated To be calculated Lighting Type: Recessed fluorescent, not vented, 80% load Aux Supply: To be calculated To be calculated to space Room Exhaust: Fixture Type: RECFL-NV Rm Exh Sched: Available (100%) Floor Multiplier: 1 % Load to RA: 20 % Room Multiplier: 1 Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft Ballast Factor: 1.0

					Adj	Pct Po	t Pct	Rad
			Glass		¬ Temp/	Sen/ Rr	n/ Ret/	Frc/
	Area/ Const Type /	U Value Type /	Area Shade U Value External	Internal	Grnd	Cool He	at Perm	ı Loss
Description	Amount Dir Tilt Schedule	Btu/h ft².°F Alpha Energy Type	ft² Coef Btu/h·ft²·°F Shading	Shading	Refl	Tmp Tn	p Len	Coef
Roof - 1	243 ft ² 0 67 R-30 Roof	0.0314 0.90	0 Overhang - None	None				

Room Description: 132 CORR NORTH

GENERAL INFORMATION

70.0 °F / 64.0 °F

Medium

Zone Description: Zone - 1-1-3

System Description: AHU

Pct Pct

Pct Rad

GENERAL INFORMATION Floor Area: 113 ft2 FIr-FIr Height: 12.0 ft Height Above FIr: Plenum Height: 3.0 ft Slab Cnstr Type: 4* LW Concrete Room Mass: Time delay based on actual mass Ceiling R-Value: 1.786 hr·ft²-°F/Btu Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

HealthFirst Medico

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Cla Tstat: None Htg Tstat: None

Project Name:

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None Room Type:Conditioned

PEOPLE People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Heating

0.00 cfm

None

Vent Schedule: Available (100%) Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr Infil Schedule: Available (100%) Vav Airflow: Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated Room Exhaust:

Rm Exh Sched: Available (100%)

Cooling

Vent Type: None

Vent Value: 0.00 cfm

								Glass			_ Temp/	Sen/ Rm/	Ret/ Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft².°F	Type / Alpha Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl		Perm Loss
Roof - 1	25 ft²	0	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None			
Roof - 3	98 ft²	270	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None			
Floor - 1													6 0.50

ROOM BY ROOM

By RLF

Room Description: 121 EXAM ROOM 10

Zone Description: Zone - 1-1-4

System Description: AHU

GENERAL INFORMATION

Floor Area: 116 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None

Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

CoolingHeatingVent Type:NoneNoneVent Value:0.00 cfm0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

									Glass			Aaj Temp/	Sen/	Pct Rm/	Pct Ret/	Rad Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl		Heat	Perm	
Roof - 1	126 ft²	270	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
WEST	135 ft²	270	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	33	0.29	0.57	Overhang -	None	0.00				
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)			None							100	100	0 6	00.06
Floor - 1															11	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 122 EXAM ROOM 9

Zone Description: Zone - 1-1-4

System Description: AHU

|--|

Floor Area: 116 ft2 FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None

Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

									Glass			Adj — Temp/	Pct Sen/	Pct Rm/		Rad Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alph	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft².°F	External Shading	Internal Shading	Grnd Refl		Heat	Perm	
Roof - 1	126 ft ²	270	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None	·				
WEST	123 ft ²	270	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	33	0.29	0.57	Overhang -	None	0.00				
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)			None							100	100	0 (60.00
Floor - 1															10	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 123 EXAM ROOM 8

Zone Description: Zone - 1-1-4

System Description: AHU

GENERAL INFORMATION

Floor Area: 116 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None

Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)
Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

CoolingHeatingVent Type:NoneNoneVent Value:0.00 cfm0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								(Glass			— Temp/	Sen/			Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat	Perm	
Roof - 1	126 ft²	270	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
WEST	122 ft²	270	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	16	0.29	0.57	Overhang -	None	0.00				
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)			None							100	100	0	60.00
Floor - 1															10	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 124 MECH

Zone Description: Zone - 1-1-4

System Description: AHU

GENERAL INFORMATION

Floor Area: 41 ft² FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Design Relative Humidity:

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None

Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.000 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

									Glass			Adj — Temp/	Pct Sen/	Pct Rm/		Rad Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef		External Shading	Internal Shading	Grnd Refl		l Heat	Perm	
Roof - 1	17 ft²	180	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
Roof - 2	117 ft²	270	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
SOUTH	108 ft²	180	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	16	0.29	0.57	Overhang -	None	0.00				
Floor - 1															q	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 100 LOBBY

Zone Description: Zone - 1-2-1

System Description: AHU **AIRFLOW INFORMATION** Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm Vent Schedule: Available (100%) Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr Infil Schedule: Available (100%) Vav Sched: Available (100%) To be calculated Supply: To be calculated Aux Supply: To be calculated To be calculated Rm Exh Sched: Available (100%)

Adi

Pct

System Description: AHU

Pct

Neutral, Average Const.

0.60 air changes/hr

Pct Rad

GENERAL INFORMATION

Floor Area: 420 ft² FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above FIr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Design Relative Humidity:

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Room Multiplier: 1 Humidistat Location:Room

CO2 Sensor Location:None

Room Type:Conditioned

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

PEOPLE

to space Fixture Type: RECFL-NV

Workstation: 0.0 workstation/person

People Type: General Office Space

People Schedule: Cooling Only (Design)

of People: 12 People

People Sensible: 250 Btu/h

People Latent: 200 Btu/h

% Load to RA: 20 % Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

								(Glass			¬ Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat Tmp	Perm I	Loss Coef
Roof - 1	455 ft²	180	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
SOUTH	492 ft²	180	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	33	0.29	0.57	Overhang -	None	0.00				
Misc Load 1 Floor - 1	0.50 W/sq ft		Cooling Only (Design)			None							100	100	0 60 41 (

Room Description: 101 W TLT

GENERAL INFORMATION

Floor Area: 47 ft² FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above FIr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1 Humidistat Location: Room Room Multiplier: 1

CO2 Sensor Location:None Room Type:Conditioned Zone Description: Zone - 1-2-1 **PEOPLE**

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Infil Value: 0.60 air changes/hr

Infil Schedule: Available (100%) Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Vav Airflow:

Room Exhaust:

Rm Exh Sched: Available (100%)

Pct Adj Pct Pct Rad Glass Temp/ Sen/ Rm/ Ret/ Frc/ Const Type / U Value Type / Area Shade U Value External Internal Grnd Heat Perm Loss Area/ Cool Description Tilt Schedule Btu/h·ft².°F Alpha Energy Type Btu/h·ft2.°F Shading Refl Amount Dir Coef Shading Tmp Tmp Len Coef Roof - 1 180 0.0314 0.90 0 Overhang - None None 51 ft² 67 R-30 Roof

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 102 M TLT

Clg Tstat: None

Htg Tstat: None

Zone Description: Zone - 1-2-1 System Description: AHU **GENERAL INFORMATION PEOPLE AIRFLOW INFORMATION** Floor Area: 47 ft² FIr-FIr Height: 12.0 ft People Type: General Office Space Cooling Heating Plenum Height: 3.0 ft Height Above FIr: # of People: 0 People Vent Type: None None People Sensible: 250 Btu/h Slab Cnstr Type: 4* LW Concrete Vent Value: 0.00 cfm 0.00 cfm Room Mass: Time delay based on actual mass People Latent: 200 Btu/h Vent Schedule: Available (100%) Ceiling R-Value: 1.786 hr·ft2-°F/Btu Infil Type: Neutral, Average Const. People Schedule: Cooling Only (Design) Neutral, Average Const. Is There Carpet?: YES Infil Value: 0.60 air changes/hr 0.60 air changes/hr Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Infil Schedule: Available (100%) Workstation: 0.0 workstation/person Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Vav Airflow: Design Relative Humidity: Vav Sched: Available (100%) LIGHTS Moisture Capacitance: Medium Supply: To be calculated To be calculated Lighting Type: Recessed fluorescent, not vented, 80% load Aux Supply: To be calculated To be calculated to space Room Exhaust: Fixture Type: RECFL-NV Rm Exh Sched: Available (100%) Thermostat Location: Room Floor Multiplier: 1 % Load to RA: 20 % Humidistat Location:Room Room Multiplier: 1 Lighting Schedule: Cooling Only (Design) CO2 Sensor Location: None Lighting Amount: 0.800 W/sq ft Ballast Factor: 1.0 Room Type:Conditioned

				Glass			Adj	PCI PCI	
	Area/	Const Type /	U Value Type /	Area Shade U Va	lue External	Internal	Temp/ Grnd	Sen/ Rm/ Cool Heat	
Description	Amount D	, i	Btu/h·ft²·°F Alpha Energy Type	ft ² Coef Btu/h·f		Shading	Refl	Tmp Tmp	
Roof - 1	51 ft² 1	80 67 R-30 Roof	0.0314 0.90	0	Overhang - None	None			-

Room Description: 113 ELEC

Zone Description: Zone - 1-2-2

System Description: AHU

GENERAL INFORMATION Floor Area: 55 ft² FIr-FIr Height: 12.0 ft Height Above FIr: Plenum Height: 3.0 ft Slab Cnstr Type: 4* LW Concrete Room Mass: Time delay based on actual mass Ceiling R-Value: 1.786 hr·ft2.°F/Btu Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Design Relative Humidity: 50 %

Moisture Capacitance: Medium Cla Tstat: None

Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None Room Type:Conditioned **PEOPLE**

People Type: General Office Space # of People: 0 People People Sensible: 250 Btu/h

People Latent : 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr Infil Schedule: Available (100%)

Vav Airflow: Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

											Auj	FUL	FUL	FUL	ixau
								Glass			¬ Temp/	Sen/	Rm/	Ret/	Frc/
	Area/		Const Type /	U Value	Type /	Area	Shade	U Value	External	Internal	Grnd	Cool	Heat	Perm	Loss
Description	Amount	Dir	Tilt Schedule	Btu/h·ft².°F	Alpha Energy Type	ft²	Coef	Btu/h·ft².°F	Shading	Shading	Refl	Tmp	Tmp	Len	Coef
Roof - 1	60 ft²	0	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
NODTU	CE #2	^	0.4000000000000000000000000000000000000	0.1274	0.00										

NORTH 65 ft² 0 ASHRAE 90.1 MASS 0.1374 0.90 2.00 W/sq ft Misc Load 1 Cooling Only (Design) None

Floor - 1

Project Name: HealthFirst Medico

Dataset Name: H:\21184\ME\CALCULATIONS\LOAD CALCULATIONS\TRACE\21184.TRC

100 100

0 60.00 5 0.50

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022 Alternative - 1 Entered Values - Rooms Page 13 of 25

ROOM BY ROOM

By RLF

Room Description: 114 EVS

Zone Description: Zone - 1-2-2

People Type: General Office Space

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

to space

of People: 0 People

People Sensible: 250 Btu/h

People Latent: 200 Btu/h

PEOPLE

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

System Description: AHU **AIRFLOW INFORMATION** Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm Vent Schedule: Available (100%) Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr Infil Schedule: Available (100%) Vav Airflow: Vav Sched: Available (100%) Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated Rm Exh Sched: Available (100%)

GENERAL INFORMATION Floor Area: 57 ft2 FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr: Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Humidistat Location:Room

CO2 Sensor Location: None Room Type:Conditioned

Floor Multiplier: 1 Room Multiplier: 1

Room Exhaust:

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

									Glass			Adj Temp/	Pct Pct Sen/ Rm/	Pct Ret/	
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Hea	Pern	m Loss n Coef
Roof - 1	62 ft²	0	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None				
NORTH	79 ft²	0	0 ASHRAE 90.1 MASS	0.1374	0.90										
Opening - 1			Window			90.1-2013 Window	33	0.29	0.57	Overhang -	None	0.00			
Floor - 1														7	7 0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 115 SOIL

Zone Description: Zone - 1-2-2

System Description: AHU

	GEN	ERAL	INFOR	MAHON
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Floor Area: 56 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

55 ft²

CO2 Sensor Location: None

Room Type:Conditioned

PEOPLE

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

0.90

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

0.1374

0 ASHRAE 90.1 MASS

AIRFLOW INFORMATION

 Cooling
 Heating

 Vent Type:
 None

 Vent Value:
 0.00 cfm

 0.00 cfm
 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

					Adj	Pct	Pct	Pct	Rad
			Glass		Temp/	Sen/	Rm/	Ret/	Frc/
	Area/ Const Type /	U Value Type /	Area Shade U Value External	Internal	Grnd	Cool	Heat	Perm	Loss
Description	Amount Dir Tilt Schedule	Btu/h·ft²-°F Alpha Energy Type	ft² Coef Btu/h·ft².°F Shading	Shading	Refl	Tmp	Tmp	Len	Coef
Roof - 1	61 ft ² 0 67 R-30 Roof	0.0314 0.90	0 Overhang - None	None					

NORTH Floor - 1

5 0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 116 MANAGER OFF

Zone Description: Zone - 1-2-2

System Description: AHU

GENERAL INFORMATION

Floor Area: 102 ft2 FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None Room Type:Conditioned

Floor Multiplier: 1

PEOPLE

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

People Type: General Office Space

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 % Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

									Glass			Adj — Temp/	Pct Sen/	Pct Rm/	Pct Ret/	Rad Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl				Loss Coef
Roof - 1	111 ft²	0	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
NORTH	116 ft ²	0	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	33	0.29	0.57	Overhang -	None	0.00				
Floor - 1															10	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 109 PROVIDER OFF Zone Description: Zone - 1-2-3 System Description: AHU **GENERAL INFORMATION PEOPLE AIRFLOW INFORMATION** Floor Area: 117 ft2 FIr-FIr Height: 12.0 ft People Type: General Office Space Cooling Heating Plenum Height: 3.0 ft Height Above FIr: # of People: 2 People Vent Type: None None People Sensible: 250 Btu/h Slab Cnstr Type: 4* LW Concrete Vent Value: 0.00 cfm 0.00 cfm Room Mass: Time delay based on actual mass People Latent: 200 Btu/h Vent Schedule: Available (100%) Ceiling R-Value: 1.786 hr·ft²-°F/Btu Infil Type: Neutral, Average Const. People Schedule: Cooling Only (Design) Neutral, Average Const. Is There Carpet?: YES Infil Value: 0.60 air changes/hr 0.60 air changes/hr Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Infil Schedule: Available (100%) Workstation: 0.0 workstation/person Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Vav Airflow: Design Relative Humidity: Vav Sched: Available (100%) LIGHTS To be calculated Moisture Capacitance: Medium Supply: To be calculated Lighting Type: Recessed fluorescent, not vented, 80% load Clg Tstat: None Aux Supply: To be calculated To be calculated to space Htg Tstat: None Room Exhaust: Fixture Type: RECFL-NV Rm Exh Sched: Available (100%) Thermostat Location: Room Floor Multiplier: 1 % Load to RA: 20 % Room Multiplier: 1 Lighting Schedule: Cooling Only (Design) Humidistat Location:Room Lighting Amount: 0.800 W/sq ft CO2 Sensor Location:None Ballast Factor: 1.0 Room Type:Conditioned

									Glass			¬ Temp/	Sen/	Rm/	Ret/ Fr	.c/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp		Perm Lo	SS
Roof - 1	127 ft²	0	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
NORTH	154 ft²	0	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window			90.1-2013 Window	33	0.29	0.57	Overhang -	None	0.00				
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)			None							100	100	0 60.0)0
Floor - 1															13 0.5	50

Room Description: 112 POC

Zone Description: Zone - 1-2-3 **GENERAL INFORMATION**

Floor Area: 20 ft2 FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1 Humidistat Location: Room Room Multiplier: 1

CO2 Sensor Location:None Room Type:Conditioned **PEOPLE**

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

Pct

System Description: AHU

Pct Rad

Adj

AIRFLOW INFORMATION Heating None 0.00 cfm

Vent Value: 0.00 cfm Vent Schedule: Available (100%)

Vent Type: None

Cooling

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow: Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Close

Rm Exh Sched: Available (100%)

Pct Adj Pct Pct Rad Glass Temp/ Sen/ Rm/ Ret/ Frc/ Const Type / U Value Type / Area Shade U Value External Internal Grnd Heat Perm Loss Area/ Cool Description Tilt Schedule Btu/h·ft².°F Alpha Energy Type Btu/h·ft2.°F Shading Refl Amount Dir Coef Shading Tmp Tmp Len Coef Roof - 1 22 ft² 0.0314 0.90 0 Overhang - None None 0 67 R-30 Roof

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 129 CORR NORTH

Zone Description: Zone - 1-2-3

System Description: AHU

Neutral, Average Const.

0.60 air changes/hr

GENERAL INFORMATION

Floor Area: 77 ft² Flr-Flr Height: 12.0 ft

Plenum Height: 3.0 ft Height Above Flr: Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²·°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %
Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None Room Type:Conditioned PEOPLE

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)
Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Heating

 Vent Type:
 Cooling None
 Heating None

 Vent Value:
 0.00 cfm
 0.00 cfm

Vent Schedule: Available (100%)
Infil Type: Neutral, Average Const.
Infil Value: 0.60 air changes/hr

Infil Value: 0.60 air changes/hr Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

							Glass			Aaj		ct PC	
							Giass			_ Temp/	Sen/ F	.m/ Re	et/ Frc/
	Area/	Const Type /	U Value	Type /	Area	Shade	U Value	External	Internal	Grnd	Cool H	eat Per	m Loss
Description	Amount Dir	r Tilt Schedule	Btu/h·ft²·°F	Alpha Energy Type	ft²	Coef	Btu/h·ft²·°F	Shading	Shading	Refl	Tmp T	mp Le	n Coef
Roof - 1	83 ft² (0 67 R-30 Roof	0.0314	0.90	0			Overhang - None	None				
NORTH	110 ft² (0 0 ASHRAE 90.1 MASS	0.1374	0.90									
Opening - 1		Door		90.1-13 Min Swinging	g 21	0.00	0.70	Overhang - None	None	0.00			

Room Description: 105 EXAM ROOM 2

Zone Description: Zone - 1-2-4

System Description: AHU

15 0.50

GENERAL INFORMATION

Floor Area: 117 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:

Plenum Height: 3.0 ft Height Above Slab Constr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Floor - 1

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %

Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None Room Type:Conditioned PEOPLE

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)
Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

CoolingHeatingVent Type:NoneNoneVent Value:0.00 cfm0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%) Supply: To be calculated

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

						Aaj	PCt	PCI	PCt	Rad
			Glass			_ Temp/	Sen/	Rm/	Ret/	Frc/
	Area/ Const Type /	U Value Type /	Area Shade U Value		Internal	Grnd	Cool	Heat	Perm	Loss
Description	Amount Dir Tilt Schedule	Btu/h·ft².°F Alpha Energy Type	ft² Coef Btu/h·ft²·°F	Shading	Shading	Refl	Tmp	Tmp	Len	Coef
Roof - 1	127 ft ² 180 67 R-30 Roof	0.0314 0.90	0	Overhang - None	None					

Misc Load 1 1.00 W/sq ft Cooling Only (Design) None 100 100 0 60.00

Project Name: HealthFirst Medico

Dataset Name: H:\\(\text{21184\ME\CALCULATIONS\LOAD CALCULATIONS\TRACE\\(\text{21184.TRC}\)}\)

ROOM BY ROOM

By RLF

Room Description: 106 EXAM ROOM 3

Design Relative Humidity:

Zone Description: Zone - 1-2-4

System Description: AHU **GENERAL INFORMATION PEOPLE AIRFLOW INFORMATION** Floor Area: 117 ft2 People Type: General Office Space Cooling Flr-Flr Height: 12.0 ft Heating Plenum Height: 3.0 ft Height Above FIr: # of People: 2 People Vent Type: None None Slab Cnstr Type: 4* LW Concrete People Sensible: 250 Btu/h Vent Value: 0.00 cfm 0.00 cfm Room Mass: Time delay based on actual mass People Latent: 200 Btu/h Vent Schedule: Available (100%) Ceiling R-Value: 1.786 hr·ft²-°F/Btu Infil Type: Neutral, Average Const. People Schedule: Cooling Only (Design) Neutral, Average Const. Is There Carpet?: YES Infil Value: 0.60 air changes/hr 0.60 air changes/hr Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Infil Schedule: Available (100%) Workstation: 0.0 workstation/person Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Vav Airflow:

LIGHTS Moisture Capacitance: Medium Lighting Type: Recessed fluorescent, not vented, 80% load Clg Tstat: None to space Htg Tstat: None Fixture Type: RECFL-NV Thermostat Location: Room Floor Multiplier: 1 % Load to RA: 20 %

Room Multiplier: 1 Lighting Schedule: Cooling Only (Design) Humidistat Location:Room Lighting Amount: 0.800 W/sq ft

CO2 Sensor Location: None Ballast Factor: 1.0 Room Type:Conditioned

Pct Pct Adi Pct Rad Glass Temp/ Sen/ Rm/ Ret/ Frc/

Room Exhaust:

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Type / Alpha Energy Type		Shade Coef	U Value Btu/h·ft².°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat Tmp	Perm Loss Len Coef
Roof - 1	89 ft²	180	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None				
Roof - 2	38 ft²	0	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None				
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)		None							100	100	0 60.00

Room Description: 107 EXAMS ROOM 4

GENERAL INFORMATION

Zone Description: Zone - 1-2-4

System Description: AHU PEOPLE **AIRFLOW INFORMATION**

Vav Sched: Available (100%)

Aux Supply: To be calculated

Rm Exh Sched: Available (100%)

Supply: To be calculated

Floor Area: 117 ft² FIr-FIr Height: 12.0 ft People Type: General Office Space Cooling Heating # of People: 2 People Plenum Height: 3.0 ft Height Above Flr: Vent Type: None None Slab Cnstr Type: 4* LW Concrete People Sensible: 250 Btu/h Vent Value: 0.00 cfm 0.00 cfm

Room Mass: Time delay based on actual mass People Latent: 200 Btu/h Vent Schedule: Available (100%)

Ceiling R-Value: 1.786 hr-ft2-°F/Btu People Schedule: Cooling Only (Design) Infil Type: Neutral, Average Const. Neutral, Average Const. Is There Carpet?: YES Infil Value: 0.60 air changes/hr 0.60 air changes/hr Infil Schedule: Available (100%)

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Workstation: 0.0 workstation/person Design Htg DB / Drift Point: 70.0 °F / 64.0 °F Vav Airflow: Design Relative Humidity: 50 % Vav Sched: Available (100%) LIGHTS

Moisture Capacitance: Medium Supply: To be calculated To be calculated Lighting Type: Recessed fluorescent, not vented, 80% load Clg Tstat: None Aux Supply: To be calculated To be calculated to space

Htg Tstat: None Room Exhaust: Fixture Type: RECFL-NV Rm Exh Sched: Available (100%) Thermostat Location:Room Floor Multiplier: 1 % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Humidistat Location:Room Room Multiplier: 1

Lighting Amount: 0.800 W/sq ft CO2 Sensor Location: None

Room Type:Conditioned Ballast Factor: 1.0

Glass Frc/ Ret/ Temp/ Sen/ Rm/ U Value Shade U Value Area/ Const Type / Type / Area External Internal Grnd Cool Heat Perm Loss Tilt Schedule Btu/h·ft².°F Alpha Energy Type ft² Btu/h·ft2.°F Shading Description Amount Dir Coef Shading Refl Tmp Tmp Len Coef Roof - 1 127 ft² 67 R-30 Roof 0.0314 0.90 Overhang - None None Misc Load 1 1.00 W/sa ft Cooling Only (Design) 100 100 0 60.00 None

Project Name: HealthFirst Medico

Dataset Name: H:\21184\ME\CALCULATIONS\LOAD CALCULATIONS\TRACE\21184.TRC Adj

Pct

Pct

Pct

Rad

To be calculated

To be calculated

ROOM BY ROOM

By RLF

Room Description: 108 EXAM ROOM 5

Zone Description: Zone - 1-2-4

GENERAL INFORMATION PEOPLE

Plenum Height: 3.0 ft Height Above FIr: Slab Cnstr Type: 4* LW Concrete

FIr-FIr Height: 12.0 ft

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Floor Area: 117 ft²

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None Room Type:Conditioned

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 % Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

System Description: AHU

System Description: AHU

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

			Glass			Adj - Temp/	Sen/ Rm/	Ret/ Frc/
	Area/ Const Type /	U Value Type /	Area Shade U Value	External	Internal	Grnd		Perm Loss
Description	Amount Dir Tilt Schedule	Btu/h ft² °F Alpha Energy Type	ft² Coef Btu/h·ft².°F	Shading	Shading	Refl	Tmp Tmp	Len Coef
Roof - 1	127 ft ² 0 67 R-30 Roof	0.0314 0.90	0 0	Overhang - None	None			

Misc Load 1 1.00 W/sa ft Cooling Only (Design) None 100 100 0 60.00

Room Description: 103 RECEPTION/SCHEDULING

GENERAL INFORMATION

Floor Area: 325 ft² FIr-FIr Height: 12.0 ft

Plenum Height: 3.0 ft Height Above FIr: Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Cla Tstat: None Htg Tstat: None

Thermostat Location:Room Humidistat Location:Room

CO2 Sensor Location: None

Floor Multiplier: 1 Room Multiplier: 1

Room Type:Conditioned

Zone Description: Zone - 1-2-5

PEOPLE People Type: General Office Space

of People: 4 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 % Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%) Infil Type: Neutral, Average Const.

Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

									Glass			Auj - Temp/	Sen/	Rm/		Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft².°F	External Shading	Internal Shading	Grnd Refl		Heat Tmp	Perm	
Roof - 1	299 ft²	180	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
Roof - 2	53 ft²	270	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
Misc Load 1	1.00 W/sq ft		Cooling Only (Design)			None							100	100	0 (60.00

Project Name: HealthFirst Medico

H:\21184\ME\CALCULATIONS\LOAD CALCULATIONS\TRACE\21184.TRC Dataset Name:

ROOM BY ROOM

By RLF

Room Description: 110 EXAM ROOM 6

Zone Description: Zone - 1-2-5

System Description: AHU

GENERAL INFORMATION Floor Area: 116 ft2 FIr-FIr Height: 12.0 ft

Plenum Height: 3.0 ft Height Above FIr: Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr·ft²-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Room Multiplier: 1 Humidistat Location:Room

CO2 Sensor Location: None Room Type:Conditioned **PEOPLE**

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								Glass			Temp/	Sen/	Rm/	Ret/ Frc/
	Area/	Cons	t Type /	U Value	Type /	Area	Shade	U Value	External	Internal	Grnd	Cool	Heat	Perm Loss
Description	Amount	Dir Tilt Sche	dule	Btu/h·ft².°F	Alpha Energy	Type ft²	Coef	Btu/h·ft²·°F	Shading	Shading	Refl	Tmp	Tmp	Len Coef
Roof - 1	50 ft²	0 67 R-30	Roof	0.0314	0.90	0			Overhang - None	None				
Roof - 2	76 ft²	180 67 R-30	Roof	0.0314	0.90	0			Overhang - None	None				
Misc Load 1	1.00 W/sq ft	Cooli	ng Only (Design)		None							100	100	0 60.00

Room Description: 127 CLEAN STORAGE

Zone Description: Zone - 1-2-5

System Description: AHU

Pct Rad

GENERAL INFORMATION Floor Area: 92 ft2 FIr-FIr Height: 12.0 ft

Height Above Flr: Plenum Height: 3.0 ft

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 % Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1 Room Multiplier: 1 Humidistat Location:Room

CO2 Sensor Location: None

Room Type:Conditioned

PEOPLE People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h

People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design) Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

Pct Pct

Adi

AIRFLOW INFORMATION Heating None

Vent Type: None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Cooling

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%) Supply: To be calculated

To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

Adj Pct Pct Pct Rad Glass Ret/ Temp/ Sen/ Rm/ Frc/ U Value Shade U Value Perm Loss Area/ Const Type / Type / Area External Internal Grnd Cool Heat Btu/h·ft².°F Alpha Energy Type ft² Btu/h·ft2.°F Shading Description Amount Dir Tilt Schedule Coef Shading Refl Tmp Tmp Len Coef Roof - 1 100 ft² 270 67 R-30 Roof 0.0314 0.90 Overhang - None None

Project Name: HealthFirst Medico

H:\21184\ME\CALCULATIONS\LOAD CALCULATIONS\TRACE\21184.TRC Dataset Name:

ROOM BY ROOM

By RLF

Room Description: 128 COMM

Zone Description: Zone - 1-2-5

System Description: AHU

GENERAL INFORMATION

Floor Area: 90 ft2 FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Humidistat Location:Room

CO2 Sensor Location: None Room Type:Conditioned

Floor Multiplier: 1

Room Multiplier: 1

PEOPLE

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								Glass			Adj _ Temp/	Pct Sen/	Pct Rm/	Pct Ret/	Rad Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Type / Alpha Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat	Perm	
Roof - 1	62 ft²	0	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None	·				
Roof - 2	68 ft²	180	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
Roof - 3	9 ft²	270	67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
Misc Load 1	12,000 Btuh		Cooling Only (Design)		None							100	100	0 (60.00

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 132 CORR SOUTH

Zone Description: Zone - 1-2-5

System Description: AHU

INFORMATION	GENERAL
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Floor Area: 166 ft2 FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None Room Type:Conditioned **PEOPLE**

People Type: General Office Space

of People: 0 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space

Fixture Type: RECFL-NV % Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

								(Glass			Aaj Temp/	Sen/			Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F		Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft².°F	External Shading	Internal Shading	Grnd Refl		l Heat	Perm	Loss
Roof - 2	70 ft²	180	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
Roof - 3	109 ft²	270	67 R-30 Roof	0.0314	0.90		0			Overhang - None	None					
SOUTH	66 ft²	180	0 ASHRAE 90.1 MASS	0.1374	0.90											
Opening - 1			Window		9	0.1-2013 Window	16	0.29	0.57	Overhang -	None	0.00				
Floor - 1															6	0.50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 104 EXAM ROOM 1

Zone Description: Zone - 1-2-6 **GENERAL INFORMATION**

PEOPLE

System Description: AHU

Floor Area: 117 ft2 FIr-FIr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Cpiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1 Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location: None

Room Type:Conditioned

People Type: General Office Space

of People: 2 People People Sensible: 250 Btu/h People Latent: 200 Btu/h

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

to space Fixture Type: RECFL-NV

% Load to RA: 20 % Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

Cooling Heating Vent Type: None None Vent Value: 0.00 cfm 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

			Glass							Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount D	Const Type / ir Tilt Schedule	U Value Btu/h·ft²·°F	Type / Alpha Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat	Perm L	
Roof - 1	127 ft² 18	30 67 R-30 Roof	0.0314	0.90	0			Overhang - None	None					
SOUTH	154 ft²	0 0 ASHRAE 90.1 MASS	0.1374	0.90										
Opening - 1		Door		90.1-13 Min Swinging	42	0.00	0.70	Overhang - None	None	0.00				
Misc Load 1	1.00 W/sq ft	Cooling Only (Design)		None							100	100	0 60	00.0
Floor - 1													13 0).50

Project Name: HealthFirst Medico

ROOM BY ROOM

By RLF

Room Description: 129 CORR SOUTH

Zone Description: Zone - 1-2-6

System Description: AHU

GENERAL INFORMATION

Floor Area: 155 ft² Flr-Flr Height: 12.0 ft Plenum Height: 3.0 ft Height Above Flr:

Slab Cnstr Type: 4* LW Concrete

Room Mass: Time delay based on actual mass

Ceiling R-Value: 1.786 hr-ft2-°F/Btu

Is There Carpet?: YES

Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F

Design Relative Humidity: 50 %
Moisture Capacitance: Medium

Clg Tstat: None Htg Tstat: None

Thermostat Location:Room Floor Multiplier: 1
Humidistat Location:Room Room Multiplier: 1

CO2 Sensor Location:None Room Type:Conditioned

te

People Schedule: Cooling Only (Design)

Workstation: 0.0 workstation/person

People Type: General Office Space

of People: 0 People

People Sensible: 250 Btu/h

People Latent: 200 Btu/h

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load

PEOPLE

to space Fixture Type: RECFL-NV

% Load to RA: 20 %

Lighting Schedule: Cooling Only (Design)

Lighting Amount: 0.800 W/sq ft

Ballast Factor: 1.0

AIRFLOW INFORMATION

 Cooling
 Heating

 Vent Type:
 None

 Vent Value:
 0.00 cfm

 0.00 cfm
 0.00 cfm

Vent Schedule: Available (100%)

Infil Type: Neutral, Average Const. Neutral, Average Const. Infil Value: 0.60 air changes/hr 0.60 air changes/hr

Infil Schedule: Available (100%)

Vav Airflow:

Vav Sched: Available (100%)

Supply: To be calculated To be calculated Aux Supply: To be calculated To be calculated

Room Exhaust:

Rm Exh Sched: Available (100%)

					Glass			_Adj	Pct Pct	
								┐ Temp/		Ret/ Frc/
	Area/	Const Type /	U Value Type /	Area	Shade U Value		Internal	Grnd	Cool Heat	Perm Loss
Description	Amount Dir	Tilt Schedule	Btu/h·ft²-°F Alpha Energy 1	ype ft²	Coef Btu/h·ft²·°f	F Shading	Shading	Refl	Tmp Tmp	Len Coef
Roof - 2	168 ft² 180	67 R-30 Roof	0.0314 0.90	0		Overhang - None	None			
SOUTH	66 ft ² 180	0 ASHRAE 90.1 MASS	0.1374 0.90							

Floor - 1 15 0.50

Project Name: HealthFirst Medico