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## Loads Report Summary

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM  
 Address:  
 Latitude: 42° 12' 47"  
 Longitude: 71° 01' 59"  
 Building Analytical Area: 25252 SF  
 Building Analytical Volume: 378057.63 CF

### Room Summary

Name	Area	Airflow	Cooling Load (Total)	Heating Load (Total)
<a href="#">100 Circulation</a>	381 SF	313 CFM	8608.7 Btu/h	5390.3 Btu/h
<a href="#">101 Vestibule</a>	341 SF	791 CFM	19435.0 Btu/h	18028.9 Btu/h
<a href="#">102 Atrium</a>	2109 SF	8992 CFM	215721.4 Btu/h	111327.6 Btu/h
<a href="#">103 Training</a>	1080 SF	1787 CFM	52845.9 Btu/h	11202.1 Btu/h
<a href="#">104 Vestibule</a>	297 SF	637 CFM	15726.9 Btu/h	12343.2 Btu/h
<a href="#">105 Atrium</a>	1273 SF	4650 CFM	117372.9 Btu/h	34412.8 Btu/h
<a href="#">105 Circulation</a>	478 SF	327 CFM	10064.5 Btu/h	4797.9 Btu/h
<a href="#">107 Circulation</a>	120 SF	44 CFM	1530.3 Btu/h	-433.9 Btu/h
<a href="#">108 Circulation</a>	384 SF	320 CFM	9299.2 Btu/h	6362.1 Btu/h
<a href="#">111 Circulation</a>	120 SF	77 CFM	2248.3 Btu/h	-429.5 Btu/h
<a href="#">120 Training</a>	234 SF	494 CFM	13961.6 Btu/h	4331.0 Btu/h
<a href="#">130 Office</a>	113 SF	142 CFM	3794.1 Btu/h	2833.7 Btu/h
<a href="#">131 Office</a>	113 SF	143 CFM	3809.3 Btu/h	2555.0 Btu/h
<a href="#">132 Circulation</a>	528 SF	408 CFM	12125.1 Btu/h	4572.6 Btu/h
<a href="#">132 Conference</a>	234 SF	321 CFM	9486.4 Btu/h	4915.8 Btu/h
<a href="#">133 Office</a>	113 SF	142 CFM	3780.6 Btu/h	2539.0 Btu/h
<a href="#">134 Office</a>	113 SF	140 CFM	3755.7 Btu/h	2521.0 Btu/h
<a href="#">135 Office</a>	113 SF	139 CFM	3730.4 Btu/h	2522.2 Btu/h
<a href="#">136 Office</a>	113 SF	134 CFM	3627.1 Btu/h	2561.4 Btu/h
<a href="#">137 Electrical</a>	51 SF	0 CFM	0.0 Btu/h	0.0 Btu/h
<a href="#">138 Elevator</a>	53 SF	82 CFM	2233.7 Btu/h	206.6 Btu/h
<a href="#">139 Mech</a>	74 SF	0 CFM	0.0 Btu/h	0.0 Btu/h
<a href="#">140 Stair</a>	161 SF	72 CFM	2331.7 Btu/h	-145.5 Btu/h
<a href="#">141 Female</a>	123 SF	48 CFM	1628.8 Btu/h	425.0 Btu/h
<a href="#">142 Male</a>	123 SF	49 CFM	1655.5 Btu/h	409.9 Btu/h
<a href="#">143 Conference</a>	376 SF	92 CFM	3808.7 Btu/h	2534.3 Btu/h
<a href="#">144 Conference</a>	376 SF	348 CFM	11661.4 Btu/h	2634.4 Btu/h
<a href="#">146 Conference</a>	234 SF	258 CFM	8134.1 Btu/h	2170.6 Btu/h
<a href="#">147 Stair</a>	167 SF	251 CFM	7026.9 Btu/h	2649.9 Btu/h
<a href="#">148 Mech</a>	73 SF	0 CFM	0.0 Btu/h	0.0 Btu/h
<a href="#">149 Training</a>	474 SF	663 CFM	21054.3 Btu/h	3344.0 Btu/h

<a href="#">200 Circulation</a>	381 SF	327 CFM	8920.9 Btu/h	3984.3 Btu/h
<a href="#">203 Training</a>	1080 SF	1816 CFM	54443.8 Btu/h	13147.3 Btu/h
<a href="#">205 Atrium</a>	1273 SF	5427 CFM	134325.8 Btu/h	63649.4 Btu/h
<a href="#">205 Circulation</a>	478 SF	263 CFM	8027.5 Btu/h	-1646.1 Btu/h
<a href="#">207 Circulation</a>	120 SF	98 CFM	2858.6 Btu/h	1309.5 Btu/h
<a href="#">208 Circulation</a>	384 SF	349 CFM	9927.4 Btu/h	5467.1 Btu/h
<a href="#">211 Circulation</a>	120 SF	124 CFM	3416.4 Btu/h	1383.6 Btu/h
<a href="#">220 Training</a>	234 SF	532 CFM	14779.4 Btu/h	3927.3 Btu/h
<a href="#">230 Office</a>	113 SF	124 CFM	3391.6 Btu/h	1923.4 Btu/h
<a href="#">231 Office</a>	113 SF	119 CFM	3285.1 Btu/h	1626.5 Btu/h
<a href="#">232 Circulation</a>	528 SF	444 CFM	12898.3 Btu/h	4367.8 Btu/h
<a href="#">232 Conference</a>	234 SF	280 CFM	8612.0 Btu/h	3183.5 Btu/h
<a href="#">233 Office</a>	113 SF	117 CFM	3244.1 Btu/h	1609.9 Btu/h
<a href="#">234 Office</a>	113 SF	116 CFM	3227.3 Btu/h	1597.7 Btu/h
<a href="#">235 Office</a>	113 SF	116 CFM	3222.0 Btu/h	1602.0 Btu/h
<a href="#">236 Office</a>	113 SF	119 CFM	3281.8 Btu/h	1699.8 Btu/h
<a href="#">237 Electrical</a>	51 SF	0 CFM	0.0 Btu/h	0.0 Btu/h
<a href="#">238 Elevator</a>	53 SF	95 CFM	2515.5 Btu/h	181.7 Btu/h
<a href="#">239 Mechanical</a>	74 SF	0 CFM	0.0 Btu/h	0.0 Btu/h
<a href="#">240 Stair</a>	161 SF	105 CFM	3044.9 Btu/h	86.3 Btu/h
<a href="#">241 Female</a>	123 SF	69 CFM	2087.7 Btu/h	457.3 Btu/h
<a href="#">242 Male</a>	123 SF	70 CFM	2097.1 Btu/h	212.2 Btu/h
<a href="#">243 Conference</a>	376 SF	369 CFM	12107.1 Btu/h	2704.0 Btu/h
<a href="#">244 Conference</a>	376 SF	386 CFM	12480.9 Btu/h	2548.5 Btu/h
<a href="#">246 Conference</a>	234 SF	272 CFM	8433.4 Btu/h	3134.9 Btu/h
<a href="#">248 Mech</a>	73 SF	0 CFM	0.0 Btu/h	0.0 Btu/h
<a href="#">249 Training</a>	474 SF	692 CFM	21673.9 Btu/h	5221.0 Btu/h
<a href="#">260 Room</a>	153 SF	603 CFM	15053.2 Btu/h	9055.2 Btu/h
<a href="#">333 Mechanical</a>	6772 SF	11921 CFM	304390.3 Btu/h	256077.1 Btu/h
<a href="#">334 Room</a>	153 SF	451 CFM	11530.8 Btu/h	8401.3 Btu/h
<b>Totals</b>	25252 SF	47266 CFM	1243735.3 Btu/h	643494.8 Btu/h

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## Loads Report: 100 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 381 SF  
 Analytical Roof Area: 381 SF  
 Analytical Wall Area: 979 SF  
 Analytical Window Area: 51 SF  
 Analytical Volume: 5337.74 CF

#### Electrical Data

Lighting Load: 0.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 6746.2 Btu/h  
 Latent Cooling Load: 1862.5 Btu/h  
 Total Cooling Load: 8608.7 Btu/h

#### Heating Loads

Sensible Heating Load: 5390.3 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 5390.3 Btu/h

#### Airflows

Flow Rate: 313 CFM  
 Flow Density: 0.82  
 Air Changes: 3.51

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## Loads Report: 101 Vestibule

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 341 SF  
Analytical Roof Area: 341 SF  
Analytical Wall Area: 1113 SF  
Analytical Window Area: 197 SF  
Analytical Volume: 6819.86 CF

#### Electrical Data

Lighting Load: 0.50 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
Area / Person: 0 SF  
Sensible / Person: 0.0 Btu/h  
Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 17076.1 Btu/h  
Latent Cooling Load: 2358.9 Btu/h  
Total Cooling Load: 19435.0 Btu/h

#### Heating Loads

Sensible Heating Load: 18028.9 Btu/h  
Latent Heating Load: 0.0 Btu/h  
Total Heating Load: 18028.9 Btu/h

#### Airflows

Flow Rate: 791 CFM  
Flow Density: 2.32  
Air Changes: 6.96

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## Loads Report: 102 Atrium

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 2109 SF  
 Analytical Roof Area: 2110 SF  
 Analytical Wall Area: 2083 SF  
 Analytical Window Area: 2867 SF  
 Analytical Volume: 42888.25 CF

#### Electrical Data

Lighting Load: 0.60 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 10.55  
 Area / Person: 200 SF  
 Sensible / Person: 220.0 Btu/h  
 Latent / Person: 100.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 194035.9 Btu/h  
 Latent Cooling Load: 21685.6 Btu/h  
 Total Cooling Load: 215721.4 Btu/h

#### Heating Loads

Sensible Heating Load: 111327.6 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 111327.6 Btu/h

#### Airflows

Flow Rate: 8992 CFM  
 Flow Density: 4.26  
 Air Changes: 12.58

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## Loads Report: 103 Training

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 1080 SF  
Analytical Roof Area: 1079 SF  
Analytical Wall Area: 1659 SF  
Analytical Window Area: 180 SF  
Analytical Volume: 14740.77 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.25 W/ft<sup>2</sup>

#### People Loads

People: 43.18  
Area / Person: 25 SF  
Sensible / Person: 240.0 Btu/h  
Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 38564.7 Btu/h  
Latent Cooling Load: 14281.4 Btu/h  
Total Cooling Load: 52845.9 Btu/h

#### Heating Loads

Sensible Heating Load: 11202.1 Btu/h  
Latent Heating Load: 0.0 Btu/h  
Total Heating Load: 11202.1 Btu/h

#### Airflows

Flow Rate: 1787 CFM  
Flow Density: 1.66  
Air Changes: 7.27

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## Loads Report: 104 Vestibule

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 297 SF  
 Analytical Roof Area: 297 SF  
 Analytical Wall Area: 1248 SF  
 Analytical Window Area: 206 SF  
 Analytical Volume: 5778.68 CF

#### Electrical Data

Lighting Load: 0.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 13748.3 Btu/h  
 Latent Cooling Load: 1978.6 Btu/h  
 Total Cooling Load: 15726.9 Btu/h

#### Heating Loads

Sensible Heating Load: 12343.2 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 12343.2 Btu/h

#### Airflows

Flow Rate: 637 CFM  
 Flow Density: 2.14  
 Air Changes: 6.62

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## Loads Report: 105 Atrium

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 1273 SF  
Analytical Roof Area: 1273 SF  
Analytical Wall Area: 1354 SF  
Analytical Window Area: 1575 SF  
Analytical Volume: 17806.89 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.25 W/ft<sup>2</sup>

#### People Loads

People: 50.92  
Area / Person: 25 SF  
Sensible / Person: 240.0 Btu/h  
Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 100340.5 Btu/h  
Latent Cooling Load: 17032.4 Btu/h  
Total Cooling Load: 117372.9 Btu/h

#### Heating Loads

Sensible Heating Load: 34412.8 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 34412.8 Btu/h

#### Airflows

Flow Rate: 4650 CFM  
Flow Density: 3.65  
Air Changes: 15.67



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## Loads Report: 105 Circulation

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 478 SF  
Analytical Roof Area: 478 SF  
Analytical Wall Area: 1905 SF  
Analytical Window Area: 180 SF  
Analytical Volume: 6700.46 CF

#### Electrical Data

Lighting Load: 1.00 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 3.19  
Area / Person: 150 SF  
Sensible / Person: 250.0 Btu/h  
Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 7048.6 Btu/h  
Latent Cooling Load: 3015.9 Btu/h  
Total Cooling Load: 10064.5 Btu/h

#### Heating Loads

Sensible Heating Load: 4797.9 Btu/h  
Latent Heating Load: 0.0 Btu/h  
Total Heating Load: 4797.9 Btu/h

#### Airflows

Flow Rate: 327 CFM  
Flow Density: 0.68  
Air Changes: 2.92

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## Loads Report: 107 Circulation

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 120 SF  
Analytical Roof Area: 120 SF  
Analytical Wall Area: 596 SF  
Analytical Window Area: 72 SF  
Analytical Volume: 1638.75 CF

#### Electrical Data

Lighting Load: 0.50 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
Area / Person: 0 SF  
Sensible / Person: 0.0 Btu/h  
Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 945.3 Btu/h  
Latent Cooling Load: 585.0 Btu/h  
Total Cooling Load: 1530.3 Btu/h

#### Heating Loads

Sensible Heating Load: -433.9 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: -433.9 Btu/h

#### Airflows

Flow Rate: 44 CFM  
Flow Density: 0.37  
Air Changes: 1.60

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## Loads Report: 108 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 384 SF  
 Analytical Roof Area: 383 SF  
 Analytical Wall Area: 1044 SF  
 Analytical Window Area: 49 SF  
 Analytical Volume: 5376.48 CF

#### Electrical Data

Lighting Load: 1.00 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 2.56  
 Area / Person: 150 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 6900.9 Btu/h  
 Latent Cooling Load: 2398.3 Btu/h  
 Total Cooling Load: 9299.2 Btu/h

#### Heating Loads

Sensible Heating Load: 6362.1 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 6362.1 Btu/h

#### Airflows

Flow Rate: 320 CFM  
 Flow Density: 0.83  
 Air Changes: 3.57

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## Loads Report: 111 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 120 SF  
 Analytical Roof Area: 120 SF  
 Analytical Wall Area: 566 SF  
 Analytical Window Area: 144 SF  
 Analytical Volume: 1638.75 CF

#### Electrical Data

Lighting Load: 0.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1670.9 Btu/h  
 Latent Cooling Load: 577.4 Btu/h  
 Total Cooling Load: 2248.3 Btu/h

#### Heating Loads

Sensible Heating Load: -429.5 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: -429.5 Btu/h

#### Airflows

Flow Rate: 77 CFM  
 Flow Density: 0.65  
 Air Changes: 2.84

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## Loads Report: 120 Training

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 234 SF  
 Analytical Roof Area: 234 SF  
 Analytical Wall Area: 673 SF  
 Analytical Window Area: 144 SF  
 Analytical Volume: 3189.53 CF

#### Electrical Data

Lighting Load: 1.40 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 9.34  
 Area / Person: 25 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 10653.5 Btu/h  
 Latent Cooling Load: 3308.1 Btu/h  
 Total Cooling Load: 13961.6 Btu/h

#### Heating Loads

Sensible Heating Load: 4331.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 4331.0 Btu/h

#### Airflows

Flow Rate: 494 CFM  
 Flow Density: 2.11  
 Air Changes: 9.29

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## Loads Report: 130 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 493 SF  
 Analytical Window Area: 72 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 3071.2 Btu/h  
 Latent Cooling Load: 722.9 Btu/h  
 Total Cooling Load: 3794.1 Btu/h

#### Heating Loads

Sensible Heating Load: 2833.7 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 2833.7 Btu/h

#### Airflows

Flow Rate: 142 CFM  
 Flow Density: 1.26  
 Air Changes: 5.53

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## Loads Report: 131 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 493 SF  
 Analytical Window Area: 72 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 3085.4 Btu/h  
 Latent Cooling Load: 724.0 Btu/h  
 Total Cooling Load: 3809.3 Btu/h

#### Heating Loads

Sensible Heating Load: 2555.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 2555.0 Btu/h

#### Airflows

Flow Rate: 143 CFM  
 Flow Density: 1.26  
 Air Changes: 5.55

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## Loads Report: 132 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 528 SF  
 Analytical Roof Area: 528 SF  
 Analytical Wall Area: 2086 SF  
 Analytical Window Area: 108 SF  
 Analytical Volume: 7396.66 CF

#### Electrical Data

Lighting Load: 1.00 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 3.52  
 Area / Person: 150 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 8795.0 Btu/h  
 Latent Cooling Load: 3330.1 Btu/h  
 Total Cooling Load: 12125.1 Btu/h

#### Heating Loads

Sensible Heating Load: 4572.6 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 4572.6 Btu/h

#### Airflows

Flow Rate: 408 CFM  
 Flow Density: 0.77  
 Air Changes: 3.31



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## Loads Report: 132 Conference

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 234 SF  
 Analytical Roof Area: 234 SF  
 Analytical Wall Area: 658 SF  
 Analytical Window Area: 180 SF  
 Analytical Volume: 3189.53 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.50 W/ft<sup>2</sup>

#### People Loads

People: 9.34  
 Area / Person: 25 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 6918.3 Btu/h  
 Latent Cooling Load: 2568.1 Btu/h  
 Total Cooling Load: 9486.4 Btu/h

#### Heating Loads

Sensible Heating Load: 4915.8 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 4915.8 Btu/h

#### Airflows

Flow Rate: 321 CFM  
 Flow Density: 1.37  
 Air Changes: 6.03

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## Loads Report: 133 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 493 SF  
 Analytical Window Area: 72 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 3056.3 Btu/h  
 Latent Cooling Load: 724.3 Btu/h  
 Total Cooling Load: 3780.6 Btu/h

#### Heating Loads

Sensible Heating Load: 2539.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 2539.0 Btu/h

#### Airflows

Flow Rate: 142 CFM  
 Flow Density: 1.25  
 Air Changes: 5.50

Powered by



## Loads Report: 134 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 493 SF  
 Analytical Window Area: 72 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 3031.2 Btu/h  
 Latent Cooling Load: 724.5 Btu/h  
 Total Cooling Load: 3755.7 Btu/h

#### Heating Loads

Sensible Heating Load: 2521.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 2521.0 Btu/h

#### Airflows

Flow Rate: 140 CFM  
 Flow Density: 1.24  
 Air Changes: 5.45

Powered by



## Loads Report: 135 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 493 SF  
 Analytical Window Area: 72 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 3005.7 Btu/h  
 Latent Cooling Load: 724.7 Btu/h  
 Total Cooling Load: 3730.4 Btu/h

#### Heating Loads

Sensible Heating Load: 2522.2 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 2522.2 Btu/h

#### Airflows

Flow Rate: 139 CFM  
 Flow Density: 1.23  
 Air Changes: 5.41

Powered by



## Loads Report: 136 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 493 SF  
 Analytical Window Area: 72 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2902.1 Btu/h  
 Latent Cooling Load: 725.0 Btu/h  
 Total Cooling Load: 3627.1 Btu/h

#### Heating Loads

Sensible Heating Load: 2561.4 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 2561.4 Btu/h

#### Airflows

Flow Rate: 134 CFM  
 Flow Density: 1.19  
 Air Changes: 5.22

Powered by



## Loads Report: 137 Electrical

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 51 SF  
Analytical Roof Area: 51 SF  
Analytical Wall Area: 372 SF  
Analytical Window Area: 0 SF  
Analytical Volume: 693.54 CF

#### Electrical Data

Lighting Load: 1.50 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.10  
Area / Person 500 SF  
Sensible / Person: 255.0 Btu/h  
Latent / Person: 240.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 0.0 Btu/h  
Latent Cooling Load: 0.0 Btu/h  
Total Cooling Load: 0.0 Btu/h

#### Heating Loads

Sensible Heating Load: 0.0 Btu/h  
Latent Heating Load: 0.0 Btu/h  
Total Heating Load: 0.0 Btu/h

#### Airflows

Flow Rate: 0 CFM  
Flow Density: 0.00  
Air Changes: 0.00

Powered by



## Loads Report: 138 Elevator

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 53 SF  
 Analytical Roof Area: 53 SF  
 Analytical Wall Area: 402 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 729.17 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.25 W/ft<sup>2</sup>

#### People Loads

People: 0.53  
 Area / Person: 100 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1770.4 Btu/h  
 Latent Cooling Load: 463.3 Btu/h  
 Total Cooling Load: 2233.7 Btu/h

#### Heating Loads

Sensible Heating Load: 206.6 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 206.6 Btu/h

#### Airflows

Flow Rate: 82 CFM  
 Flow Density: 1.54  
 Air Changes: 6.75

Powered by



## Loads Report: 139 Mech

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 74 SF  
 Analytical Roof Area: 74 SF  
 Analytical Wall Area: 495 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 1015.08 CF

#### Electrical Data

Lighting Load: 1.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.15  
 Area / Person: 500 SF  
 Sensible / Person: 255.0 Btu/h  
 Latent / Person: 240.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 0.0 Btu/h  
 Latent Cooling Load: 0.0 Btu/h  
 Total Cooling Load: 0.0 Btu/h

#### Heating Loads

Sensible Heating Load: 0.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 0.0 Btu/h

#### Airflows

Flow Rate: 0 CFM  
 Flow Density: 0.00  
 Air Changes: 0.00



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## Loads Report: 140 Stair

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 161 SF  
Analytical Roof Area: 161 SF  
Analytical Wall Area: 1030 SF  
Analytical Window Area: 0 SF  
Analytical Volume: 2204.59 CF

#### Electrical Data

Lighting Load: 0.60 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
Area / Person: 0 SF  
Sensible / Person: 0.0 Btu/h  
Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1545.6 Btu/h  
Latent Cooling Load: 786.2 Btu/h  
Total Cooling Load: 2331.7 Btu/h

#### Heating Loads

Sensible Heating Load: -145.5 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: -145.5 Btu/h

#### Airflows

Flow Rate: 72 CFM  
Flow Density: 0.44  
Air Changes: 1.95

Powered by



## Loads Report: 141 Female

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 123 SF  
 Analytical Roof Area: 123 SF  
 Analytical Wall Area: 594 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 1682.09 CF

#### Electrical Data

Lighting Load: 0.90 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1028.1 Btu/h  
 Latent Cooling Load: 600.8 Btu/h  
 Total Cooling Load: 1628.8 Btu/h

#### Heating Loads

Sensible Heating Load: 425.0 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 425.0 Btu/h

#### Airflows

Flow Rate: 48 CFM  
 Flow Density: 0.39  
 Air Changes: 1.70

Powered by



## Loads Report: 142 Male

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 123 SF  
 Analytical Roof Area: 123 SF  
 Analytical Wall Area: 594 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 1682.09 CF

#### Electrical Data

Lighting Load: 0.90 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1054.8 Btu/h  
 Latent Cooling Load: 600.8 Btu/h  
 Total Cooling Load: 1655.5 Btu/h

#### Heating Loads

Sensible Heating Load: 409.9 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 409.9 Btu/h

#### Airflows

Flow Rate: 49 CFM  
 Flow Density: 0.40  
 Air Changes: 1.74

Powered by



## Loads Report: 143 Conference

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 376 SF  
 Analytical Roof Area: 376 SF  
 Analytical Wall Area: 873 SF  
 Analytical Window Area: 144 SF  
 Analytical Volume: 5137.47 CF

#### Electrical Data

Lighting Load: 0.00 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 12.00  
 Area / Person: 31 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1977.5 Btu/h  
 Latent Cooling Load: 1831.1 Btu/h  
 Total Cooling Load: 3808.7 Btu/h

#### Heating Loads

Sensible Heating Load: 2534.3 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 2534.3 Btu/h

#### Airflows

Flow Rate: 92 CFM  
 Flow Density: 0.24  
 Air Changes: 1.07

Powered by



## Loads Report: 144 Conference

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 376 SF  
 Analytical Roof Area: 376 SF  
 Analytical Wall Area: 873 SF  
 Analytical Window Area: 144 SF  
 Analytical Volume: 5137.47 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.50 W/ft<sup>2</sup>

#### People Loads

People: 15.05  
 Area / Person: 25 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 7505.3 Btu/h  
 Latent Cooling Load: 4156.1 Btu/h  
 Total Cooling Load: 11661.4 Btu/h

#### Heating Loads

Sensible Heating Load: 2634.4 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 2634.4 Btu/h

#### Airflows

Flow Rate: 348 CFM  
 Flow Density: 0.92  
 Air Changes: 4.06

Powered by



## Loads Report: 146 Conference

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 234 SF  
 Analytical Roof Area: 234 SF  
 Analytical Wall Area: 709 SF  
 Analytical Window Area: 108 SF  
 Analytical Volume: 3189.53 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.50 W/ft<sup>2</sup>

#### People Loads

People: 9.34  
 Area / Person: 25 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 5560.6 Btu/h  
 Latent Cooling Load: 2573.4 Btu/h  
 Total Cooling Load: 8134.1 Btu/h

#### Heating Loads

Sensible Heating Load: 2170.6 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 2170.6 Btu/h

#### Airflows

Flow Rate: 258 CFM  
 Flow Density: 1.10  
 Air Changes: 4.85

Powered by



## Loads Report: 147 Stair

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 167 SF  
Analytical Roof Area: 165 SF  
Analytical Wall Area: 1927 SF  
Analytical Window Area: 61 SF  
Analytical Volume: 4602.53 CF

#### Electrical Data

Lighting Load: 0.60 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
Area / Person: 0 SF  
Sensible / Person: 0.0 Btu/h  
Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 5418.9 Btu/h  
Latent Cooling Load: 1607.9 Btu/h  
Total Cooling Load: 7026.9 Btu/h

#### Heating Loads

Sensible Heating Load: 2649.9 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 2649.9 Btu/h

#### Airflows

Flow Rate: 251 CFM  
Flow Density: 1.50  
Air Changes: 3.27

Powered by



## Loads Report: 148 Mech

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 73 SF  
 Analytical Roof Area: 73 SF  
 Analytical Wall Area: 461 SF  
 Analytical Window Area: 13 SF  
 Analytical Volume: 996.09 CF

#### Electrical Data

Lighting Load: 1.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.15  
 Area / Person 500 SF  
 Sensible / Person: 255.0 Btu/h  
 Latent / Person: 240.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 0.0 Btu/h  
 Latent Cooling Load: 0.0 Btu/h  
 Total Cooling Load: 0.0 Btu/h

#### Heating Loads

Sensible Heating Load: 0.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 0.0 Btu/h

#### Airflows

Flow Rate: 0 CFM  
 Flow Density: 0.00  
 Air Changes: 0.00



Powered by



## Loads Report: 149 Training

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 474 SF  
Analytical Roof Area: 474 SF  
Analytical Wall Area: 1111 SF  
Analytical Window Area: 252 SF  
Analytical Volume: 6478.40 CF

#### Electrical Data

Lighting Load: 1.40 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 18.98  
Area / Person: 25 SF  
Sensible / Person: 250.0 Btu/h  
Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 14311.8 Btu/h  
Latent Cooling Load: 6742.5 Btu/h  
Total Cooling Load: 21054.3 Btu/h

#### Heating Loads

Sensible Heating Load: 3344.0 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 3344.0 Btu/h

#### Airflows

Flow Rate: 663 CFM  
Flow Density: 1.40  
Air Changes: 6.14

Powered by



## Loads Report: 200 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 381 SF  
 Analytical Roof Area: 381 SF  
 Analytical Wall Area: 1001 SF  
 Analytical Window Area: 71 SF  
 Analytical Volume: 5337.74 CF

#### Electrical Data

Lighting Load: 0.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 7066.0 Btu/h  
 Latent Cooling Load: 1854.8 Btu/h  
 Total Cooling Load: 8920.9 Btu/h

#### Heating Loads

Sensible Heating Load: 3984.3 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 3984.3 Btu/h

#### Airflows

Flow Rate: 327 CFM  
 Flow Density: 0.86  
 Air Changes: 3.68

Powered by



## Loads Report: 203 Training

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 1080 SF  
 Analytical Roof Area: 1079 SF  
 Analytical Wall Area: 1765 SF  
 Analytical Window Area: 113 SF  
 Analytical Volume: 14740.77 CF

#### Electrical Data

Lighting Load: 1.40 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 43.18  
 Area / Person: 25 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 39188.1 Btu/h  
 Latent Cooling Load: 15255.9 Btu/h  
 Total Cooling Load: 54443.8 Btu/h

#### Heating Loads

Sensible Heating Load: 13147.3 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 13147.3 Btu/h

#### Airflows

Flow Rate: 1816 CFM  
 Flow Density: 1.68  
 Air Changes: 7.39

Powered by



## Loads Report: 205 Atrium

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 1273 SF  
 Analytical Roof Area: 1273 SF  
 Analytical Wall Area: 1575 SF  
 Analytical Window Area: 1558 SF  
 Analytical Volume: 18149.37 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.25 W/ft<sup>2</sup>

#### People Loads

People: 50.92  
 Area / Person: 25 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 117098.2 Btu/h  
 Latent Cooling Load: 17227.6 Btu/h  
 Total Cooling Load: 134325.8 Btu/h

#### Heating Loads

Sensible Heating Load: 63649.4 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 63649.4 Btu/h

#### Airflows

Flow Rate: 5427 CFM  
 Flow Density: 4.26  
 Air Changes: 17.94

Powered by



## Loads Report: 205 Circulation

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 478 SF  
Analytical Roof Area: 478 SF  
Analytical Wall Area: 1908 SF  
Analytical Window Area: 180 SF  
Analytical Volume: 6699.79 CF

#### Electrical Data

Lighting Load: 0.50 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
Area / Person: 0 SF  
Sensible / Person: 0.0 Btu/h  
Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 5665.2 Btu/h  
Latent Cooling Load: 2362.3 Btu/h  
Total Cooling Load: 8027.5 Btu/h

#### Heating Loads

Sensible Heating Load: -1646.1 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: -1646.1 Btu/h

#### Airflows

Flow Rate: 263 CFM  
Flow Density: 0.55  
Air Changes: 2.35

Powered by



## Loads Report: 207 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 120 SF  
 Analytical Roof Area: 120 SF  
 Analytical Wall Area: 596 SF  
 Analytical Window Area: 72 SF  
 Analytical Volume: 1638.75 CF

#### Electrical Data

Lighting Load: 1.00 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.80  
 Area / Person: 150 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2118.8 Btu/h  
 Latent Cooling Load: 739.8 Btu/h  
 Total Cooling Load: 2858.6 Btu/h

#### Heating Loads

Sensible Heating Load: 1309.5 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1309.5 Btu/h

#### Airflows

Flow Rate: 98 CFM  
 Flow Density: 0.82  
 Air Changes: 3.60

Powered by



## Loads Report: 208 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 384 SF  
 Analytical Roof Area: 383 SF  
 Analytical Wall Area: 1046 SF  
 Analytical Window Area: 68 SF  
 Analytical Volume: 5372.88 CF

#### Electrical Data

Lighting Load: 1.00 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 2.56  
 Area / Person: 150 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 7540.4 Btu/h  
 Latent Cooling Load: 2387.0 Btu/h  
 Total Cooling Load: 9927.4 Btu/h

#### Heating Loads

Sensible Heating Load: 5467.1 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 5467.1 Btu/h

#### Airflows

Flow Rate: 349 CFM  
 Flow Density: 0.91  
 Air Changes: 3.90

Powered by



## Loads Report: 211 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 120 SF  
 Analytical Roof Area: 120 SF  
 Analytical Wall Area: 566 SF  
 Analytical Window Area: 144 SF  
 Analytical Volume: 1638.75 CF

#### Electrical Data

Lighting Load: 1.00 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.80  
 Area / Person: 150 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2682.6 Btu/h  
 Latent Cooling Load: 733.8 Btu/h  
 Total Cooling Load: 3416.4 Btu/h

#### Heating Loads

Sensible Heating Load: 1383.6 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1383.6 Btu/h

#### Airflows

Flow Rate: 124 CFM  
 Flow Density: 1.04  
 Air Changes: 4.55



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## Loads Report: 220 Training

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 234 SF  
 Analytical Roof Area: 234 SF  
 Analytical Wall Area: 661 SF  
 Analytical Window Area: 156 SF  
 Analytical Volume: 3189.53 CF

#### Electrical Data

Lighting Load: 1.40 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 9.34  
 Area / Person: 25 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 11475.5 Btu/h  
 Latent Cooling Load: 3303.9 Btu/h  
 Total Cooling Load: 14779.4 Btu/h

#### Heating Loads

Sensible Heating Load: 3927.3 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 3927.3 Btu/h

#### Airflows

Flow Rate: 532 CFM  
 Flow Density: 2.28  
 Air Changes: 10.00

Powered by



## Loads Report: 230 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 555 SF  
 Analytical Window Area: 9 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2669.0 Btu/h  
 Latent Cooling Load: 722.6 Btu/h  
 Total Cooling Load: 3391.6 Btu/h

#### Heating Loads

Sensible Heating Load: 1923.4 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1923.4 Btu/h

#### Airflows

Flow Rate: 124 CFM  
 Flow Density: 1.09  
 Air Changes: 4.80

Powered by



## Loads Report: 231 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 555 SF  
 Analytical Window Area: 9 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2561.3 Btu/h  
 Latent Cooling Load: 723.8 Btu/h  
 Total Cooling Load: 3285.1 Btu/h

#### Heating Loads

Sensible Heating Load: 1626.5 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1626.5 Btu/h

#### Airflows

Flow Rate: 119 CFM  
 Flow Density: 1.05  
 Air Changes: 4.61

Powered by



## Loads Report: 232 Circulation

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 528 SF  
 Analytical Roof Area: 528 SF  
 Analytical Wall Area: 2067 SF  
 Analytical Window Area: 108 SF  
 Analytical Volume: 7396.66 CF

#### Electrical Data

Lighting Load: 1.00 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 3.52  
 Area / Person: 150 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 9586.1 Btu/h  
 Latent Cooling Load: 3312.1 Btu/h  
 Total Cooling Load: 12898.3 Btu/h

#### Heating Loads

Sensible Heating Load: 4367.8 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 4367.8 Btu/h

#### Airflows

Flow Rate: 444 CFM  
 Flow Density: 0.84  
 Air Changes: 3.60

Powered by



## Loads Report: 232 Conference

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 234 SF  
 Analytical Roof Area: 234 SF  
 Analytical Wall Area: 782 SF  
 Analytical Window Area: 56 SF  
 Analytical Volume: 3189.53 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.50 W/ft<sup>2</sup>

#### People Loads

People: 9.34  
 Area / Person: 25 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 6043.6 Btu/h  
 Latent Cooling Load: 2568.4 Btu/h  
 Total Cooling Load: 8612.0 Btu/h

#### Heating Loads

Sensible Heating Load: 3183.5 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 3183.5 Btu/h

#### Airflows

Flow Rate: 280 CFM  
 Flow Density: 1.20  
 Air Changes: 5.27

Powered by



## Loads Report: 233 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 555 SF  
 Analytical Window Area: 9 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2519.9 Btu/h  
 Latent Cooling Load: 724.2 Btu/h  
 Total Cooling Load: 3244.1 Btu/h

#### Heating Loads

Sensible Heating Load: 1609.9 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1609.9 Btu/h

#### Airflows

Flow Rate: 117 CFM  
 Flow Density: 1.03  
 Air Changes: 4.53

Powered by



## Loads Report: 234 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 555 SF  
 Analytical Window Area: 9 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2503.0 Btu/h  
 Latent Cooling Load: 724.3 Btu/h  
 Total Cooling Load: 3227.3 Btu/h

#### Heating Loads

Sensible Heating Load: 1597.7 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1597.7 Btu/h

#### Airflows

Flow Rate: 116 CFM  
 Flow Density: 1.03  
 Air Changes: 4.50

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## Loads Report: 235 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 555 SF  
 Analytical Window Area: 9 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2497.6 Btu/h  
 Latent Cooling Load: 724.4 Btu/h  
 Total Cooling Load: 3222.0 Btu/h

#### Heating Loads

Sensible Heating Load: 1602.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1602.0 Btu/h

#### Airflows

Flow Rate: 116 CFM  
 Flow Density: 1.02  
 Air Changes: 4.49



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## Loads Report: 236 Office

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 113 SF  
 Analytical Roof Area: 113 SF  
 Analytical Wall Area: 555 SF  
 Analytical Window Area: 9 SF  
 Analytical Volume: 1545.09 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 0.91  
 Area / Person: 125 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2557.7 Btu/h  
 Latent Cooling Load: 724.1 Btu/h  
 Total Cooling Load: 3281.8 Btu/h

#### Heating Loads

Sensible Heating Load: 1699.8 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 1699.8 Btu/h

#### Airflows

Flow Rate: 119 CFM  
 Flow Density: 1.05  
 Air Changes: 4.60

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## Loads Report: 237 Electrical

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 51 SF  
 Analytical Roof Area: 51 SF  
 Analytical Wall Area: 372 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 693.54 CF

#### Electrical Data

Lighting Load: 1.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.10  
 Area / Person 500 SF  
 Sensible / Person: 255.0 Btu/h  
 Latent / Person: 240.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 0.0 Btu/h  
 Latent Cooling Load: 0.0 Btu/h  
 Total Cooling Load: 0.0 Btu/h

#### Heating Loads

Sensible Heating Load: 0.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 0.0 Btu/h

#### Airflows

Flow Rate: 0 CFM  
 Flow Density: 0.00  
 Air Changes: 0.00

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## Loads Report: 238 Elevator

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 53 SF  
 Analytical Roof Area: 53 SF  
 Analytical Wall Area: 402 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 729.17 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.25 W/ft<sup>2</sup>

#### People Loads

People: 0.53  
 Area / Person: 100 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2054.6 Btu/h  
 Latent Cooling Load: 460.9 Btu/h  
 Total Cooling Load: 2515.5 Btu/h

#### Heating Loads

Sensible Heating Load: 181.7 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 181.7 Btu/h

#### Airflows

Flow Rate: 95 CFM  
 Flow Density: 1.78  
 Air Changes: 7.83

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## Loads Report: 239 Mechanical

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 74 SF  
 Analytical Roof Area: 74 SF  
 Analytical Wall Area: 495 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 1015.08 CF

#### Electrical Data

Lighting Load: 1.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.15  
 Area / Person: 500 SF  
 Sensible / Person: 255.0 Btu/h  
 Latent / Person: 240.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 0.0 Btu/h  
 Latent Cooling Load: 0.0 Btu/h  
 Total Cooling Load: 0.0 Btu/h

#### Heating Loads

Sensible Heating Load: 0.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 0.0 Btu/h

#### Airflows

Flow Rate: 0 CFM  
 Flow Density: 0.00  
 Air Changes: 0.00

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## Loads Report: 240 Stair

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 161 SF  
Analytical Roof Area: 161 SF  
Analytical Wall Area: 1023 SF  
Analytical Window Area: 0 SF  
Analytical Volume: 2204.59 CF

#### Electrical Data

Lighting Load: 0.60 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
Area / Person: 0 SF  
Sensible / Person: 0.0 Btu/h  
Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 2266.1 Btu/h  
Latent Cooling Load: 778.8 Btu/h  
Total Cooling Load: 3044.9 Btu/h

#### Heating Loads

Sensible Heating Load: 86.3 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 86.3 Btu/h

#### Airflows

Flow Rate: 105 CFM  
Flow Density: 0.65  
Air Changes: 2.86

Powered by



## Loads Report: 241 Female

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 123 SF  
 Analytical Roof Area: 123 SF  
 Analytical Wall Area: 594 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 1682.09 CF

#### Electrical Data

Lighting Load: 0.90 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1492.4 Btu/h  
 Latent Cooling Load: 595.4 Btu/h  
 Total Cooling Load: 2087.7 Btu/h

#### Heating Loads

Sensible Heating Load: 457.3 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 457.3 Btu/h

#### Airflows

Flow Rate: 69 CFM  
 Flow Density: 0.56  
 Air Changes: 2.47

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## Loads Report: 242 Male

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 123 SF  
 Analytical Roof Area: 123 SF  
 Analytical Wall Area: 594 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 1682.09 CF

#### Electrical Data

Lighting Load: 0.90 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.00  
 Area / Person: 0 SF  
 Sensible / Person: 0.0 Btu/h  
 Latent / Person: 0.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 1501.7 Btu/h  
 Latent Cooling Load: 595.4 Btu/h  
 Total Cooling Load: 2097.1 Btu/h

#### Heating Loads

Sensible Heating Load: 212.2 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 212.2 Btu/h

#### Airflows

Flow Rate: 70 CFM  
 Flow Density: 0.57  
 Air Changes: 2.48

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## Loads Report: 243 Conference

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 376 SF  
Analytical Roof Area: 376 SF  
Analytical Wall Area: 873 SF  
Analytical Window Area: 144 SF  
Analytical Volume: 5137.47 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.50 W/ft<sup>2</sup>

#### People Loads

People: 15.05  
Area / Person: 25 SF  
Sensible / Person: 240.0 Btu/h  
Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 7958.6 Btu/h  
Latent Cooling Load: 4148.5 Btu/h  
Total Cooling Load: 12107.1 Btu/h

#### Heating Loads

Sensible Heating Load: 2704.0 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 2704.0 Btu/h

#### Airflows

Flow Rate: 369 CFM  
Flow Density: 0.98  
Air Changes: 4.31



Powered by



## Loads Report: 244 Conference

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 376 SF  
Analytical Roof Area: 376 SF  
Analytical Wall Area: 873 SF  
Analytical Window Area: 144 SF  
Analytical Volume: 5137.47 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.50 W/ft<sup>2</sup>

#### People Loads

People: 15.05  
Area / Person: 25 SF  
Sensible / Person: 240.0 Btu/h  
Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 8338.2 Btu/h  
Latent Cooling Load: 4142.7 Btu/h  
Total Cooling Load: 12480.9 Btu/h

#### Heating Loads

Sensible Heating Load: 2548.5 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 2548.5 Btu/h

#### Airflows

Flow Rate: 386 CFM  
Flow Density: 1.03  
Air Changes: 4.51

Powered by



## Loads Report: 246 Conference

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 234 SF  
 Analytical Roof Area: 234 SF  
 Analytical Wall Area: 709 SF  
 Analytical Window Area: 108 SF  
 Analytical Volume: 3189.53 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.50 W/ft<sup>2</sup>

#### People Loads

People: 9.34  
 Area / Person: 25 SF  
 Sensible / Person: 240.0 Btu/h  
 Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 5863.3 Btu/h  
 Latent Cooling Load: 2570.2 Btu/h  
 Total Cooling Load: 8433.4 Btu/h

#### Heating Loads

Sensible Heating Load: 3134.9 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 3134.9 Btu/h

#### Airflows

Flow Rate: 272 CFM  
 Flow Density: 1.16  
 Air Changes: 5.11

Powered by



## Loads Report: 248 Mech

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 73 SF  
 Analytical Roof Area: 73 SF  
 Analytical Wall Area: 473 SF  
 Analytical Window Area: 0 SF  
 Analytical Volume: 996.09 CF

#### Electrical Data

Lighting Load: 1.50 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 0.00 W/ft<sup>2</sup>

#### People Loads

People: 0.15  
 Area / Person 500 SF  
 Sensible / Person: 255.0 Btu/h  
 Latent / Person: 240.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 0.0 Btu/h  
 Latent Cooling Load: 0.0 Btu/h  
 Total Cooling Load: 0.0 Btu/h

#### Heating Loads

Sensible Heating Load: 0.0 Btu/h  
 Latent Heating Load: 0.0 Btu/h  
 Total Heating Load: 0.0 Btu/h

#### Airflows

Flow Rate: 0 CFM  
 Flow Density: 0.00  
 Air Changes: 0.00

Powered by



## Loads Report: 249 Training

### Project Information

Project: Unit 6\_i\_start  
 Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 474 SF  
 Analytical Roof Area: 474 SF  
 Analytical Wall Area: 1111 SF  
 Analytical Window Area: 252 SF  
 Analytical Volume: 6478.40 CF

#### Electrical Data

Lighting Load: 1.40 W/ft<sup>2</sup>  
 Equipment Load: 0.00 W/ft<sup>2</sup>  
 Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 18.98  
 Area / Person: 25 SF  
 Sensible / Person: 250.0 Btu/h  
 Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 14936.5 Btu/h  
 Latent Cooling Load: 6737.4 Btu/h  
 Total Cooling Load: 21673.9 Btu/h

#### Heating Loads

Sensible Heating Load: 5221.0 Btu/h  
 Latent Heating Load: -0.0 Btu/h  
 Total Heating Load: 5221.0 Btu/h

#### Airflows

Flow Rate: 692 CFM  
 Flow Density: 1.46  
 Air Changes: 6.41

Powered by



## Loads Report: 260 Room

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 153 SF  
Analytical Roof Area: 153 SF  
Analytical Wall Area: 969 SF  
Analytical Window Area: 129 SF  
Analytical Volume: 2161.93 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.25 W/ft<sup>2</sup>

#### People Loads

People: 6.13  
Area / Person: 25 SF  
Sensible / Person: 240.0 Btu/h  
Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 13017.9 Btu/h  
Latent Cooling Load: 2035.3 Btu/h  
Total Cooling Load: 15053.2 Btu/h

#### Heating Loads

Sensible Heating Load: 9055.2 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 9055.2 Btu/h

#### Airflows

Flow Rate: 603 CFM  
Flow Density: 3.93  
Air Changes: 16.74

Powered by



## Loads Report: 333 Mechanical

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 6772 SF  
Analytical Roof Area: 6773 SF  
Analytical Wall Area: 4395 SF  
Analytical Window Area: 927 SF  
Analytical Volume: 103346.61 CF

#### Electrical Data

Lighting Load: 1.10 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 1.00 W/ft<sup>2</sup>

#### People Loads

People: 54.18  
Area / Person: 125 SF  
Sensible / Person: 250.0 Btu/h  
Latent / Person: 200.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 257228.7 Btu/h  
Latent Cooling Load: 47161.6 Btu/h  
Total Cooling Load: 304390.3 Btu/h

#### Heating Loads

Sensible Heating Load: 256077.1 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 256077.1 Btu/h

#### Airflows

Flow Rate: 11921 CFM  
Flow Density: 1.76  
Air Changes: 6.92

Powered by



## Loads Report: 334 Room

### Project Information

Project: Unit 6\_i\_start  
Run Time: 12/7/2007 8:39 PM

### Input Data

#### Room Data

Analytical Floor Area: 153 SF  
Analytical Roof Area: 153 SF  
Analytical Wall Area: 749 SF  
Analytical Window Area: 83 SF  
Analytical Volume: 1658.45 CF

#### Electrical Data

Lighting Load: 1.30 W/ft<sup>2</sup>  
Equipment Load: 0.00 W/ft<sup>2</sup>  
Misc. Load: 0.25 W/ft<sup>2</sup>

#### People Loads

People: 6.13  
Area / Person: 25 SF  
Sensible / Person: 240.0 Btu/h  
Latent / Person: 155.0 Btu/h

### Load Data

#### Cooling Loads

Sensible Cooling Load: 9728.8 Btu/h  
Latent Cooling Load: 1802.0 Btu/h  
Total Cooling Load: 11530.8 Btu/h

#### Heating Loads

Sensible Heating Load: 8401.3 Btu/h  
Latent Heating Load: -0.0 Btu/h  
Total Heating Load: 8401.3 Btu/h

#### Airflows

Flow Rate: 451 CFM  
Flow Density: 2.94  
Air Changes: 16.31