



STATEMENT OF ENERGY PERFORMANCE

Hoboken Hospital - Center for Family Health - Hoboken Hospital

Building ID: 1901204
For 12-month Period Ending: April 30, 2009¹
Date SEP becomes ineligible: N/A

Date SEP Generated: March 08, 2010

Facility
Hoboken Hospital - Center for Family Health - Hoboken Hospital
122 Clinton Street
Hoboken, NJ 07030

Facility Owner
N/A

Primary Contact for this Facility
N/A

Year Built: 1996
Gross Floor Area (ft²): 33,000

Energy Performance Rating² (1-100) 81

Site Energy Use Summary³

Electricity - Grid Purchase(kBtu)	1,256,162
Natural Gas (kBtu) ⁴	956,732
Total Energy (kBtu)	2,212,894

Energy Intensity⁵

Site (kBtu/ft²/yr)	67
Source (kBtu/ft²/yr)	157

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	242
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Electric Distribution Utility

Public Service Elec & Gas Co

National Average Comparison

National Average Site EUI	117
National Average Source EUI	275
% Difference from National Average Source EUI	-43%
Building Type	Medical Office

Stamp of Certifying Professional

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Meets Industry Standards⁶ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional

N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
5. Values represent energy intensity, annualized to a 12-month period.
6. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

ENERGY STAR® Data Checklist for Commercial Buildings

In order for a building to qualify for the ENERGY STAR, a Professional Engineer (PE) must validate the accuracy of the data underlying the building's energy performance rating. This checklist is designed to provide an at-a-glance summary of a property's physical and operating characteristics, as well as its total energy consumption, to assist the PE in double-checking the information that the building owner or operator has entered into Portfolio Manager.

Please complete and sign this checklist and include it with the stamped, signed Statement of Energy Performance.

NOTE: You must check each box to indicate that each value is correct, OR include a note.

CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	☒
Building Name	Hoboken Hospital - Center for Family Health - Hoboken Hospital	Is this the official building name to be displayed in the ENERGY STAR Registry of Labeled Buildings?		☐
Type	Medical Office	Is this an accurate description of the space in question?		☐
Location	122 Clinton Street, Hoboken, NJ 07030	Is this address accurate and complete? Correct weather normalization requires an accurate zip code.		☐
Single Structure	Hospital	Does this SEP represent a single structure? SEPs cannot be submitted for multiple-building campuses (with the exception of acute care or children's hospitals) nor can they be submitted as representing only a portion of a building		☐
Offices - Outpatient Center (Medical Office)				
CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	☒
Gross Floor Area	33,000 Sq. Ft.	Does this square footage include all supporting functions such as kitchens and break rooms used by staff, storage areas, administrative areas, elevators, stairwells, atria, vent shafts, etc. Also note that existing atriums should only include the base floor area that it occupies. Interstitial (plenum) space between floors should not be included in the total. Finally gross floor area is not the same as leasable space. Leasable space is a subset of gross floor area.		☐
Number of Workers	150	Is this the number of employees present during the main shift? Note this is not the total number of employees or visitors who are in a building during an entire 24 hour period. For example, if there are two daily 8 hour shifts of 100 workers each, the Workers on Main Shift value is 100.		☐
Weekly operating hours	60 Hours	Is this the total number of hours per week that the Medical Office space is 75% occupied? This number should exclude hours when the facility is occupied only by maintenance, security, or other support personnel. For facilities with a schedule that varies during the year, "operating hours/week" refers to the total weekly hours for the schedule most often followed.		☐
Percent Cooled	100 %	Is this the percentage of the total floor space within the facility that is served by mechanical cooling equipment?		☐
Percent Heated	100 %	Is this the percentage of the total floor space within the facility that is served by mechanical heating equipment?		☐

ENERGY STAR® Data Checklist for Commercial Buildings

Energy Consumption

Power Generation Plant or Distribution Utility: Public Service Elec & Gas Co

Fuel Type: Electricity		
Meter: 728010896 acct.2166695922 (kWh (thousand Watt-hours)) Space(s): Offices - Outpatient Center Generation Method: Grid Purchase		
Start Date	End Date	Energy Use (kWh (thousand Watt-hours))
04/01/2009	04/30/2009	29,600.00
03/01/2009	03/31/2009	30,880.00
02/01/2009	02/28/2009	26,000.00
01/01/2009	01/31/2009	30,080.00
12/01/2008	12/31/2008	21,600.00
11/01/2008	11/30/2008	31,920.00
10/01/2008	10/31/2008	25,200.00
09/01/2008	09/30/2008	27,760.00
08/01/2008	08/31/2008	36,960.00
07/01/2008	07/31/2008	43,680.00
06/01/2008	06/30/2008	38,320.00
05/01/2008	05/31/2008	26,160.00
728010896 acct.2166695922 Consumption (kWh (thousand Watt-hours))		368,160.00
728010896 acct.2166695922 Consumption (kBtu (thousand Btu))		1,256,161.92
Total Electricity (Grid Purchase) Consumption (kBtu (thousand Btu))		1,256,161.92
Is this the total Electricity (Grid Purchase) consumption at this building including all Electricity meters?		☐
Fuel Type: Natural Gas		
Meter: 2644092 acct.21666959-22 gas (therms) Space(s): Offices - Outpatient Center		
Start Date	End Date	Energy Use (therms)
04/01/2009	04/30/2009	269.00
03/01/2009	03/31/2009	1,051.00
02/01/2009	02/28/2009	1,556.01
01/01/2009	01/31/2009	1,844.82
12/01/2008	12/31/2008	2,031.33
11/01/2008	11/30/2008	1,345.43
10/01/2008	10/31/2008	679.00
09/01/2008	09/30/2008	221.00
08/01/2008	08/31/2008	120.45
07/01/2008	07/31/2008	8.36

06/01/2008	06/30/2008	269.97
05/01/2008	05/31/2008	170.95
2644092 acct.21666959-22 gas Consumption (therms)		9,567.32
2644092 acct.21666959-22 gas Consumption (kBtu (thousand Btu))		956,732.00
Total Natural Gas Consumption (kBtu (thousand Btu))		956,732.00
Is this the total Natural Gas consumption at this building including all Natural Gas meters?		☐

Additional Fuels	
Do the fuel consumption totals shown above represent the total energy use of this building? Please confirm there are no additional fuels (district energy, generator fuel oil) used in this facility.	☐

On-Site Solar and Wind Energy	
Do the fuel consumption totals shown above include all on-site solar and/or wind power located at your facility? Please confirm that no on-site solar or wind installations have been omitted from this list. All on-site systems must be reported.	☐

Certifying Professional

(When applying for the ENERGY STAR, the Certifying Professional must be the same as the PE that signed and stamped the SEP.)

Name: _____ Date: _____

Signature: _____

Signature is required when applying for the ENERGY STAR.

FOR YOUR RECORDS ONLY. DO NOT SUBMIT TO EPA.

Please keep this Facility Summary for your own records; do not submit it to EPA. Only the Statement of Energy Performance (SEP), Data Checklist and Letter of Agreement need to be submitted to EPA when applying for the ENERGY STAR.

Facility
Hoboken Hospital - Center for Family
Health - Hoboken Hospital
122 Clinton Street
Hoboken, NJ 07030

Facility Owner
N/A

Primary Contact for this Facility
N/A

General Information

Hoboken Hospital - Center for Family Health - Hoboken Hospital	
Gross Floor Area Excluding Parking: (ft ²)	33,000
Year Built	1996
For 12-month Evaluation Period Ending Date:	April 30, 2009

Facility Space Use Summary

Offices - Outpatient Center	
Space Type	Medical Office
Gross Floor Area(ft ²)	33,000
Number of Workers	150
Weekly operating hours	60
Percent Cooled	100
Percent Heated	100

Energy Performance Comparison

Performance Metrics	Evaluation Periods		Comparisons		
	Current (Ending Date 04/30/2009)	Baseline (Ending Date 04/30/2009)	Rating of 75	Target	National Average
Energy Performance Rating	81	81	75	N/A	50
Energy Intensity					
Site (kBtu/ft ²)	67	67	78	N/A	117
Source (kBtu/ft ²)	157	157	183	N/A	275
Energy Cost					
\$/year	\$ 61,161.88	\$ 61,161.88	\$ 71,066.71	N/A	\$ 106,645.67
\$/ft ² /year	\$ 1.85	\$ 1.85	\$ 2.15	N/A	\$ 3.23
Greenhouse Gas Emissions					
MtCO ₂ e/year	242	242	281	N/A	422
kgCO ₂ e/ft ² /year	7	7	8	N/A	12

More than 50% of your building is defined as Medical Office. Please note that your rating accounts for all of the spaces listed. The National Average column presents energy performance data your building would have if your building had an average rating of 50.

Notes:

o - This attribute is optional.

d - A default value has been supplied by Portfolio Manager.

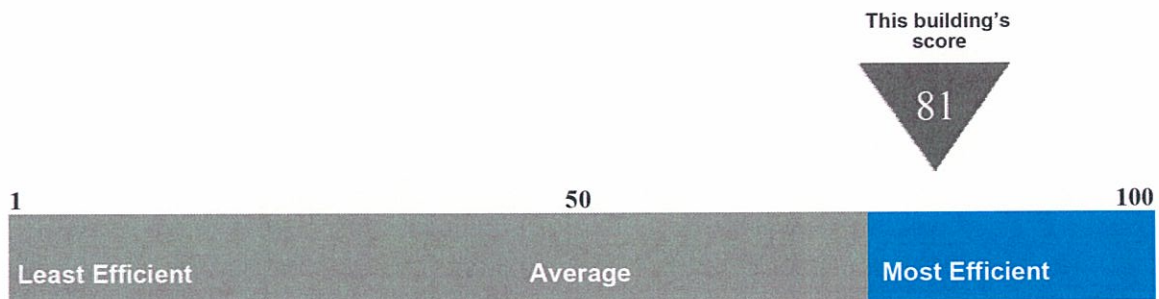
Statement of Energy Performance

2009

Hoboken Hospital - Center for Family Health -
Hoboken Hospital
122 Clinton Street
Hoboken, NJ 07030

Portfolio Manager Building ID: 1901204

The energy use of this building has been measured and compared to other similar buildings using the Environmental Protection Agency's (EPA's) Energy Performance Scale of 1–100, with 1 being the least energy efficient and 100 the most energy efficient. For more information, visit energystar.gov/benchmark.



This building uses 157 kBtu per square foot per year.*

*Based on source energy intensity for the 12 month period ending April 2009

Buildings with a score of
75 or higher may qualify
for EPA's ENERGY STAR.

I certify that the information contained within this statement is accurate and in accordance with U.S. Environmental Protection Agency's measurement standards, found at energystar.gov

Date of certification



Date Generated: 03/08/2010



STATEMENT OF ENERGY PERFORMANCE

Hoboken University Medical Center

Building ID: 1900655

For 12-month Period Ending: March 31, 2009¹

Date SEP becomes ineligible: N/A

Date SEP Generated: March 08, 2010

Facility

Hoboken University Medical Center
308 Willow Avenue
Hoboken, NJ 07030

Facility Owner

N/A

Primary Contact for this Facility

N/A

Year Built: 1960

Gross Floor Area (ft²): 350,000Energy Performance Rating² (1-100) 84**Site Energy Use Summary³**

Electricity - Grid Purchase(kBtu)	25,142,228
Natural Gas (kBtu) ⁴	49,475,253
Total Energy (kBtu)	74,617,481

Energy Intensity⁵

Site (kBtu/ft ² /yr)	213
Source (kBtu/ft ² /yr)	388

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	6,461
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Electric Distribution Utility

Public Service Elec & Gas Co

National Average Comparison

National Average Site EUI	301
National Average Source EUI	549
% Difference from National Average Source EUI	-29%
Building Type	Hospital (Acute Care or Children's)

Stamp of Certifying Professional

Based on the conditions observed at the
time of my visit to this building, I certify that
the information contained within this
statement is accurate.

Meets Industry Standards⁶ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional

N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
5. Values represent energy intensity, annualized to a 12-month period.
6. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

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In order for a building to qualify for the ENERGY STAR, a Professional Engineer (PE) must validate the accuracy of the data underlying the building's energy performance rating. This checklist is designed to provide an at-a-glance summary of a property's physical and operating characteristics, as well as its total energy consumption, to assist the PE in double-checking the information that the building owner or operator has entered into Portfolio Manager.

Please complete and sign this checklist and include it with the stamped, signed Statement of Energy Performance.

NOTE: You must check each box to indicate that each value is correct, OR include a note.

CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	☒
Building Name	Hoboken University Medical Center	Is this the official building name to be displayed in the ENERGY STAR Registry of Labeled Buildings?		☐
Type	Hospital (Acute Care or Children's)	Is this an accurate description of the space in question?		☐
Location	308 Willow Avenue, Hoboken, NJ 07030	Is this address accurate and complete? Correct weather normalization requires an accurate zip code.		☐
Single Structure	Hospital	Does this SEP represent a single structure? SEPs cannot be submitted for multiple-building campuses (with the exception of acute care or children's hospitals) nor can they be submitted as representing only a portion of a building		☐
Main Building (Hospital (Acute Care or Children's))				
CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	☒
Gross Floor Area	350,000 Sq. Ft.	Does this square footage include all supporting functions such as kitchens and break rooms used by staff, storage areas, administrative areas, elevators, stairwells, atria, vent shafts, etc. Also note that existing atriums should only include the base floor area that it occupies. Interstitial (plenum) space between floors should not be included in the total. Finally gross floor area is not the same as leasable space. Leasable space is a subset of gross floor area.		☐
Number of Licensed Beds	328	Is this the correct number of licensed beds within the entire Hospital facility?		☐
Maximum Number of Floors	7	Is this the maximum number of floors in any given building of the Hospital campus?		☐
Tertiary Care	Yes	Does this hospital campus contain tertiary care?		☐
Laboratory	No(Optional)	Does this Hospital have a laboratory onsite?		☐
Laundry Facility	No(Optional)	Does this Hospital have a laundry facility onsite?		☐
Number of Buildings	N/A(Optional)	Is this the total number of buildings that comprise the Hospital campus?		☐
Ownership Status	N/A(Optional)	What is the ownership status of the Hospital?		☐

ENERGY STAR® Data Checklist for Commercial Buildings

Energy Consumption

Power Generation Plant or Distribution Utility: Public Service Elec & Gas Co

Fuel Type: Electricity		
Meter: 778017468 acct. 21666958-22/4200683601 Elect (kWh (thousand Watt-hours)) Space(s): Main Building Generation Method: Grid Purchase		
Start Date	End Date	Energy Use (kWh (thousand Watt-hours))
03/01/2009	03/31/2009	472,907.00
02/01/2009	02/28/2009	477,174.00
01/01/2009	01/31/2009	433,743.00
12/01/2008	12/31/2008	549,641.00
11/01/2008	11/30/2008	582,543.00
10/01/2008	10/31/2008	643,221.00
09/01/2008	09/30/2008	785,730.00
08/01/2008	08/31/2008	755,102.00
07/01/2008	07/31/2008	807,084.00
06/01/2008	06/30/2008	781,320.00
05/01/2008	05/31/2008	548,252.00
04/01/2008	04/30/2008	530,247.00
778017468 acct. 21666958-22/4200683601 Elect Consumption (kWh (thousand Watt-hours))		7,366,964.00
778017468 acct. 21666958-22/4200683601 Elect Consumption (kBtu (thousand Btu))		25,136,081.17
Meter: 21713101-46 electric (kWh (thousand Watt-hours)) Space(s): Main Building Generation Method: Grid Purchase		
Start Date	End Date	Energy Use (kWh (thousand Watt-hours))
03/01/2009	03/31/2009	161.60
02/01/2009	02/28/2009	193.10
01/01/2009	01/31/2009	197.00
12/01/2008	12/31/2008	181.90
11/01/2008	11/30/2008	171.50
10/01/2008	10/31/2008	148.20
09/01/2008	09/30/2008	134.80
08/01/2008	08/31/2008	121.40
07/01/2008	07/31/2008	113.60
06/01/2008	06/30/2008	126.10
05/01/2008	05/31/2008	126.10
04/01/2008	04/30/2008	126.10
21713101-46 electric Consumption (kWh (thousand Watt-hours))		1,801.40

21713101-46 electric Consumption (kBtu (thousand Btu))		6,146.38
Total Electricity (Grid Purchase) Consumption (kBtu (thousand Btu))		25,142,227.54
Is this the total Electricity (Grid Purchase) consumption at this building including all Electricity meters?		☐
Fuel Type: Natural Gas		
Meter: 1639150 acct.21666958-25/4200683601 gas (ccf (hundred cubic feet))		
Space(s): Main Building		
Start Date	End Date	Energy Use (ccf (hundred cubic feet))
03/01/2009	03/31/2009	20.24
02/01/2009	02/28/2009	908.77
01/01/2009	01/31/2009	28.34
12/01/2008	12/31/2008	37.44
11/01/2008	11/30/2008	25.30
10/01/2008	10/31/2008	50.60
09/01/2008	09/30/2008	50.60
08/01/2008	08/31/2008	25.30
07/01/2008	07/31/2008	25.30
06/01/2008	06/30/2008	25.30
05/01/2008	05/31/2008	25.30
04/01/2008	04/30/2008	25.30
1639150 acct.21666958-25/4200683601 gas Consumption (ccf (hundred cubic feet))		1,247.79
1639150 acct.21666958-25/4200683601 gas Consumption (kBtu (thousand Btu))		128,397.59
Meter: 1784781 acct.21004960-42/4201024601 gas (ccf (hundred cubic feet))		
Space(s): Main Building		
Start Date	End Date	Energy Use (ccf (hundred cubic feet))
03/01/2009	03/31/2009	47,610.95
02/01/2009	02/28/2009	43,322.15
01/01/2009	01/31/2009	47,736.84
12/01/2008	12/31/2008	47,872.78
11/01/2008	11/30/2008	49,694.44
10/01/2008	10/31/2008	33,031.61
09/01/2008	09/30/2008	20,757.29
08/01/2008	08/31/2008	19,663.69
07/01/2008	07/31/2008	19,573.06
06/01/2008	06/30/2008	20,515.61
05/01/2008	05/31/2008	38,824.89
04/01/2008	04/30/2008	80,724.00
1784781 acct.21004960-42/4201024601 gas Consumption (ccf (hundred cubic feet))		469,327.31
1784781 acct.21004960-42/4201024601 gas Consumption (kBtu (thousand Btu))		48,293,780.20
Meter: 1648640 acct.2169713808/6560125984 gas (therms)		
Space(s): Main Building		
Start Date	End Date	Energy Use (therms)
02/23/2009	03/22/2009	304.51
01/23/2009	02/22/2009	291.95

12/23/2008	01/22/2009	312.27
11/23/2008	12/22/2008	354.39
10/23/2008	11/22/2008	338.71
09/23/2008	10/22/2008	695.00
08/23/2008	09/22/2008	776.00
07/23/2008	08/22/2008	5,425.00
06/23/2008	07/22/2008	1,539.00
05/23/2008	06/22/2008	191.00
04/23/2008	05/22/2008	376.00
1648640 aact2169713808/6560125984 gas Consumption (therms)		10,603.83
1648640 aact2169713808/6560125984 gas Consumption (kBtu (thousand Btu))		1,060,383.00
Total Natural Gas Consumption (kBtu (thousand Btu))		49,482,560.79
Is this the total Natural Gas consumption at this building including all Natural Gas meters?		☐

Additional Fuels	
Do the fuel consumption totals shown above represent the total energy use of this building? Please confirm there are no additional fuels (district energy, generator fuel oil) used in this facility.	☐

On-Site Solar and Wind Energy	
Do the fuel consumption totals shown above include all on-site solar and/or wind power located at your facility? Please confirm that no on-site solar or wind installations have been omitted from this list. All on-site systems must be reported.	☐

Certifying Professional

(When applying for the ENERGY STAR, the Certifying Professional must be the same as the PE that signed and stamped the SEP.)

Name: _____ Date: _____

Signature: _____

Signature is required when applying for the ENERGY STAR.

FOR YOUR RECORDS ONLY. DO NOT SUBMIT TO EPA.

Please keep this Facility Summary for your own records; do not submit it to EPA. Only the Statement of Energy Performance (SEP), Data Checklist and Letter of Agreement need to be submitted to EPA when applying for the ENERGY STAR.

Facility
Hoboken University Medical Center
308 Willow Avenue
Hoboken, NJ 07030

Facility Owner
N/A

Primary Contact for this Facility
N/A

General Information

Hoboken University Medical Center	
Gross Floor Area Excluding Parking: (ft ²)	350,000
Year Built	1960
For 12-month Evaluation Period Ending Date:	March 31, 2009

Facility Space Use Summary

Main Building	
Space Type	Hospital (Acute Care or Children's)
Gross Floor Area(ft ²)	350,000
Number of Licensed Beds	328
Maximum Number of Floors	7
Tertiary Care	Yes
Laboratory ^o	N
Laundry Facility ^o	N
Number of Buildings ^o	N/A
Ownership Status ^o	N/A

Energy Performance Comparison

Performance Metrics	Evaluation Periods		Comparisons		
	Current (Ending Date 03/31/2009)	Baseline (Ending Date 03/31/2009)	Rating of 75	Target	National Average
Energy Performance Rating	84	84	75	N/A	50
Energy Intensity					
Site (kBtu/ft ²)	213	213	240	N/A	301
Source (kBtu/ft ²)	388	388	437	N/A	549
Energy Cost					
\$/year	\$ 1,546,038.55	\$ 1,546,038.55	\$ 1,739,810.07	N/A	\$ 2,185,876.17
\$/ft ² /year	\$ 4.42	\$ 4.42	\$ 4.97	N/A	\$ 6.25
Greenhouse Gas Emissions					
MtCO ₂ e/year	6,461	6,461	7,271	N/A	9,135
kgCO ₂ e/ft ² /year	18	18	20	N/A	25

More than 50% of your building is defined as Hospital (Acute Care or Children's). Please note that your rating accounts for all of the spaces listed. The National Average column presents energy performance data your building would have if your building had an average rating of 50.

Notes:

o - This attribute is optional.

d - A default value has been supplied by Portfolio Manager.

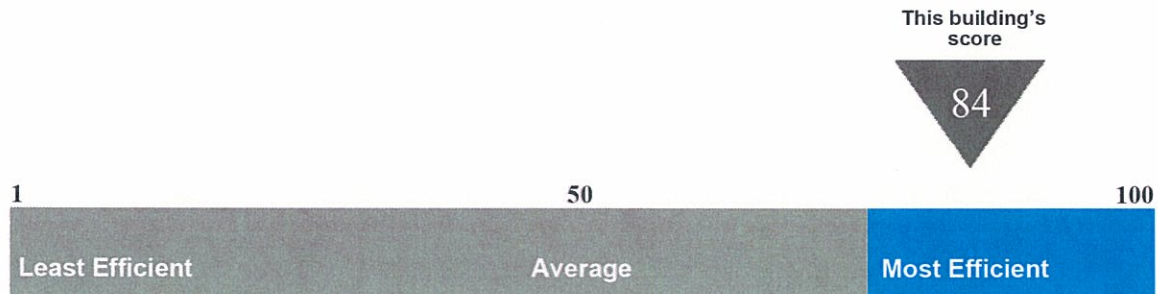
Statement of Energy Performance

2009

Hoboken University Medical Center
308 Willow Avenue
Hoboken, NJ 07030

Portfolio Manager Building ID: 1900655

The energy use of this building has been measured and compared to other similar buildings using the Environmental Protection Agency's (EPA's) Energy Performance Scale of 1–100, with 1 being the least energy efficient and 100 the most energy efficient. For more information, visit energystar.gov/benchmark.



This building uses 388 kBtu per square foot per year.*

*Based on source energy intensity for the 12 month period ending March 2009

Buildings with a score of
75 or higher may qualify
for EPA's ENERGY STAR.

I certify that the information contained within this statement is accurate and in accordance with U.S. Environmental Protection Agency's measurement standards, found at energystar.gov

Date of certification



Date Generated: 03/08/2010

Buildings	Electric				Natural Gas			
	Account Number	Annual Consumption	Annual Cost	\$ / kWh	Account Number	Annual Consumption	Annual Cost	\$ / CCF
Hoboken Hospital	2166695825 - 778017468	7,498,069	\$1,001,267.43	\$0.13	2166695825 - 1639150	1,247	\$ 1,763.66	\$1.41
New Account #	4200683601				4200683601			
Hoboken Hospital	2171310146	1,711	\$ 397.35	\$0.23	2100496042 - 1784781	340,992	\$ 406,283.20	\$1.19
New Account #	unmetered				4201024601			
Hoboken Hospital					2169713808 - 1648640	11,015	\$ 10,459.13	\$0.95
New Account #					6560125984			
Center for Family Health	2166695922 - 7280100896	372,160	\$ 46,249.76	\$0.12	2166695922 - 2644092	8,246	\$ 11,883.90	\$1.44
New Account #	4200745801				4200745801			
TOTAL / AVERAGE		7,871,940	\$1,047,914.54	\$0.13		\$361,500.00	\$ 430,389.89	\$1.19

Note: The Hospitals yearly utility usage is under the norm, Dome-Tech believes utility account information is missing. So the Energy star rating is unusually high for the hospitals actual energy efficiency.

Facility Name Hospital
 Company PSE&G
 Account# 21666958-25
 Meter# 2E+06
 Tariff/Rate GSG

New account # 4200683601

Energy Type	Energy Unit	Start Date	End Date	Demand	CCF	Cost	\$/CCF
Natural Gas	CCF	3/1/2009	3/31/2009	NA	21	\$30.88	\$1.47
Natural Gas	CCF	2/1/2009	2/28/2009	NA	909	\$1,146.19	\$1.26
Natural Gas	CCF	1/1/2009	1/31/2009	NA	28	\$46.03	\$1.64
Natural Gas	CCF	12/1/2008	12/31/2008	NA	37	\$59.14	\$1.60
Natural Gas	CCF	11/1/2008	11/30/2008	NA	25	\$42.70	\$1.71
Natural Gas	CCF	10/1/2008	10/31/2008	NA	51	\$80.06	\$1.57
Natural Gas	CCF	9/1/2008	9/30/2008	NA	51	\$85.57	\$1.68
Natural Gas	CCF	8/1/2008	8/31/2008	NA	25	\$52.08	\$2.08
Natural Gas	CCF	7/1/2008	7/31/2008	NA	25	\$59.98	\$2.40
Natural Gas	CCF	6/1/2008	6/30/2008	NA	25	\$56.62	\$2.26
Natural Gas	CCF	5/1/2008	5/31/2008	NA	25	\$54.23	\$2.17
Natural Gas	CCF	4/1/2008	4/30/2008	NA	25	\$50.18	\$2.01
TOTALS				NA	1,247	\$1,763.66	\$1.41

Facility Name Hospital
 Company PSE&G
 Account# 21666958-25
 Meter# 778017468
 Tariff/Rate GSG LPLP

New account # 4200683601

Energy Type	Energy Unit	Start Date	End Date	Demand	kWh	Cost	\$/kWh
Electricity	kWh	5/1/2009	5/31/2009	NA	608,609	\$56,747.43	\$0.09
Electricity	kWh	4/1/2009	4/30/2009	NA	600,995	\$56,289.97	\$0.09
Electricity	kWh	3/1/2009	3/31/2009	NA	472,907	\$50,106.42	\$0.11
Electricity	kWh	2/1/2009	2/28/2009	NA	477,174	\$59,335.02	\$0.12
Electricity	kWh	1/1/2009	1/31/2009	NA	433,743	\$58,832.32	\$0.14
Electricity	kWh	12/1/2008	12/31/2008	NA	549,641	\$63,143.00	\$0.11
Electricity	kWh	11/1/2008	11/30/2008	NA	582,543	\$63,374.61	\$0.11
Electricity	kWh	10/1/2008	10/31/2008	NA	643,221	\$68,229.36	\$0.11
Electricity	kWh	9/1/2008	9/30/2008	NA	785,730	\$117,981.07	\$0.15
Electricity	kWh	8/1/2008	8/31/2008	NA	755,102	\$110,578.06	\$0.15
Electricity	kWh	7/1/2008	7/31/2008	NA	807,084	\$151,982.03	\$0.19
Electricity	kWh	6/1/2008	6/30/2008	NA	781,320	\$144,668.14	\$0.19
TOTALS				NA	7,498,069	\$1,001,267.43	\$0.13

Facility Name Hospital
Company PSE&G
Account# 2169713808
Meter# 2E+06
Tariff/Rate GSG

New Acct# 6560125984

Energy Type	Energy Unit	Start Date	End Date	Demand	CCF	Cost	\$/CCF
Natural Gas	CCF	9/23/2009	10/21/2009	NA	695	\$632.44	\$0.91
Natural Gas	CCF	8/23/2009	9/22/2009	NA	776	\$659.71	\$0.85
Natural Gas	CCF	7/23/2009	8/22/2009	NA	5,425	\$4,854.93	\$0.89
Natural Gas	CCF	6/23/2009	7/22/2009	NA	1,539	\$1,432.55	\$0.93
Natural Gas	CCF	5/23/2009	6/22/2009	NA	191	\$178.91	\$0.94
Natural Gas	CCF	4/23/2009	5/22/2009	NA	376	\$344.11	\$0.92
Natural Gas	CCF	3/23/2009	4/22/2009	NA	411	\$397.48	\$0.97
Natural Gas	CCF	2/23/2009	3/22/2009	NA	305	\$314.36	\$1.03
Natural Gas	CCF	1/23/2009	2/22/2009	NA	292	\$332.34	\$1.14
Natural Gas	CCF	12/23/2008	1/22/2009	NA	312	\$392.35	\$1.26
Natural Gas	CCF	11/23/2008	12/22/2008	NA	354	\$456.05	\$1.29
Natural Gas	CCF	10/23/2008	11/22/2008	NA	339	\$463.90	\$1.37
TOTALS					11,015	\$10,459.13	\$0.95
					NA		

Facility Name Hospital
Company PSE&G
Account# 21004960-42
Meter# 2E+06
Tariff/Rate TSGNF

New Acct# 4201024601

Energy Type	Energy Unit	Start Date	End Date	Demand	CCF	Cost	\$/CCF
Natural Gas	CCF	2/1/2009	2/28/2009	NA	43,322	\$35,381.80	\$0.82
Natural Gas	CCF	1/1/2009	1/31/2009	NA	47,737	\$47,778.31	\$1.00
Natural Gas	CCF	12/1/2008	12/31/2008	NA	47,873	\$51,971.55	\$1.09
Natural Gas	CCF	11/1/2008	11/30/2008	NA	49,694	\$51,354.26	\$1.03
Natural Gas	CCF	10/1/2008	10/31/2008	NA	33,031	\$37,579.22	\$1.14
Natural Gas	CCF	9/1/2008	9/30/2008	NA	20,757	\$25,948.86	\$1.25
Natural Gas	CCF	8/1/2008	8/31/2008	NA	19,664	\$26,355.89	\$1.34
Natural Gas	CCF	7/1/2008	7/31/2008	NA	19,573	\$35,182.60	\$1.80
Natural Gas	CCF	6/1/2008	6/30/2008	NA	20,516	\$33,961.72	\$1.66
Natural Gas	CCF	5/1/2008	5/31/2008	NA	38,825	\$60,768.99	\$1.57
TOTALS					340,992	\$406,283.20	\$1.19
					NA		

Facility Name Hospital
 Company PSE&G
 Account# 21713101-46
 Meter# unmetered
 Tariff/Rate PSAL

Energy Type	Energy Unit	Start Date	End Date	Demand	kWh	Cost	\$/ kWh
Electricity	kWh	4/1/2009	4/30/2009	NA	161	\$37.08	\$0.23
Electricity	kWh	3/1/2009	3/31/2009	NA	162	\$37.02	\$0.23
Electricity	kWh	2/1/2009	2/28/2009	NA	193	\$39.48	\$0.20
Electricity	kWh	1/1/2009	1/31/2009	NA	197	\$39.32	\$0.20
Electricity	kWh	12/1/2008	12/31/2008	NA	182	\$38.12	\$0.21
Electricity	kWh	11/1/2008	11/30/2008	NA	172	\$37.60	\$0.22
Electricity	kWh	10/1/2008	10/31/2008	NA	148	\$36.32	\$0.25
Electricity	kWh	9/1/2008	9/30/2008	NA	135	\$35.39	\$0.26
Electricity	kWh	8/1/2008	8/31/2008	NA	121	\$33.12	\$0.27
Electricity	kWh	7/1/2008	7/31/2008	NA	114	\$31.85	\$0.28
Electricity	kWh	6/1/2008	6/30/2008	NA	126	\$32.05	\$0.25
TOTALS				NA	1,711	\$397.35	\$0.23

Facility Name Center for Family Health
 Company PSE&G
 Account# 21666959-22
 Meter# 3E+06
 Tariff/Rate GSGH

Energy Type	Energy Unit	Start Date	End Date	Demand	Therms	Cost	\$/ Therms
Natural Gas	therms	4/1/2009	4/30/2009	NA	269	\$ 249.00	\$0.93
Natural Gas	therms	3/1/2009	3/30/2009	NA	1051	\$ 999.56	\$0.95
Natural Gas	therms	2/1/2009	2/28/2009	NA	1,556	\$1,701.99	\$1.09
Natural Gas	therms	1/1/2009	1/31/2009	NA	1,845	\$2,211.82	\$1.20
Natural Gas	therms	12/1/2008	12/31/2008	NA	2,031	\$2,682.37	\$1.32
Natural Gas	therms	11/1/2008	11/30/2008	NA	1,345	\$1,817.14	\$1.35
Natural Gas	therms	10/1/2008	10/31/2008	NA	679	\$912.40	\$1.34
Natural Gas	therms	9/1/2008	9/30/2008	NA	221	\$305.89	\$1.38
Natural Gas	therms	8/1/2008	8/31/2008	NA	120	\$183.89	\$1.53
Natural Gas	therms	7/1/2008	7/31/2008	NA	8	\$25.94	\$3.24
Natural Gas	therms	6/1/2008	6/30/2008	NA	270	\$493.49	\$1.83
Natural Gas	therms	5/1/2008	5/31/2008	NA	171	\$300.41	\$1.76
TOTALS				NA	8,246	\$ 11,883.90	\$1.44

Facility Name Center for Family Health
 Company PSE&G
 Account# 21666959-22
 Meter# 728010896
 Tariff/Rate GLP
 New Acct# 42007458-01

Energy Type	Energy Unit	Start Date	End Date	Demand	kWh	Cost	\$/ kWh
Electricity	kWh	4/1/2009	4/30/2009	NA	26,000	\$4,051.24	\$0.16
Electricity	kWh	3/1/2009	3/31/2009	NA	30,080	\$4,547.23	\$0.15
Electricity	kWh	2/1/2009	2/28/2009	NA	21,600	\$3,394.80	\$0.16
Electricity	kWh	1/1/2009	1/31/2009	NA	31,920	\$4,464.77	\$0.14
Electricity	kWh	12/1/2008	12/31/2008	NA	25,200	\$3,657.65	\$0.15
Electricity	kWh	11/1/2008	11/30/2008	NA	27,760	\$4,185.91	\$0.15
Electricity	kWh	10/1/2008	10/31/2008	NA	36,960	\$2,296.43	\$0.06
Electricity	kWh	9/1/2008	9/30/2008	NA	43,680	\$8,041.01	\$0.18
Electricity	kWh	8/1/2008	8/31/2008	NA	38,320	\$2,424.90	\$0.06
Electricity	kWh	7/1/2008	7/31/2008	NA	26,160	\$3,380.46	\$0.13
Electricity	kWh	6/1/2008	6/30/2008	NA	38,320	\$2,424.90	\$0.06
Electricity	kWh	5/1/2008	5/31/2008	NA	26,160	\$3,380.46	\$0.13
TOTALS				NA	372,160	\$46,249.76	\$0.12

Air Handling Units - AHUs																																									
Bldg	Tag#	Location	Area Served	Equipment	Recirc? 100% Recirc? 100% OA?	Mfg	Model	Quantity	Supply Air CFM	Static Pressure in. of w.c.	Supply Fan Motor Mfg	Supply Fan Motor Model	Supply Fan Motor HP	Supply Fan Motor Efficiency	Supply Fan Motor VFD? (Y/N)	Return Air CFM	Return Fan Motor Mfg	Return Fan Motor Model	Return Fan Motor HP	Return Fan Motor Efficiency	Return Fan Motor VFD? (Y/N)	Outside Air CFM	Exhaust Fan Motor HP	Exhaust Fan Motor Efficiency	Exhaust Fan Motor VFD? (Y/N)	Pre-Heating Technology	Pre-Heat Coil GPM	Pre-Heat Capacity (MBH)	Cooling Technology	Cooling Capacity Tons	Cooling Coil GPM	Re-Heating Technology	Re-Heat Coil GPM	Re-Heat Capacity (MBH)	Humidification Technology	Energy Recovery Coils? (Y/N)	Age	Estimated Service Life	Controls (BMS, Local Tstat, Pnu, Digi)		
Hospital	AHU-1	5th Floor MER	Ftr 3: ICU, CCU, RICU Ftr 4: Delivery, Nursery	Custom built AHU	100% OA	Trane	Climate Changer Type M-21 Ser# NA	1	11,000	4.5	AO Smith	NA	20	93%	No	No return duct	NA	NA	NA	NA	NA	100%	No Exhaust Fan	NA	NA	Steam	NA	599.7	CHW	805.5 MBH	134.2 GPM	None	NA	NA	Steam - 420# /hr	No	20+	20	Digi w Pnu Actuators		
Hospital	AHU-2	5th Floor MER	Floors 3, 4, 5, 6, 7	Custom built AHU	100% OA	Trane	Climate Changer Type M-50 Ser# KSG02883	1	24,290	4.25	NA	NA	25	NA	Yes	No return duct	NA	NA	NA	NA	NA	100%	No Exhaust Fan	NA	NA	Steam	NA	1,318	CHW	1,778.4 MBH	263.4 GPM	None	NA	NA	Steam - 973# /hr	No	20+	20	Digi w Pnu Actuators		
Hospital	AHU-3	5th Floor MER	Floors 1, 2	Custom built AHU	Recirc	Trane	Climate Changer Type M-41 Ser# NA	1	15,090 - to be set at 5,215	0.06	Marathon	Hi-Eff. FH284TDC00 26AA	25	93.6%	Yes	9,465 - to be set at 3,155	AO Smith	Century E-3	7.5	91.0%	Yes	2,060	No Exhaust Fan	NA	NA	Steam	NA	422	CHW	695 MBH	119 GPM	None	NA	NA	None	No	1997 - 12 Yrs	20	Digi w Pnu Actuators		
Hospital	Packaged Split AC System	ER Roof	ER	Packaged Split AC System	Recirc	Mr. Slim	NA	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No Exhaust Fan	NA	NA	NA	NA	NA	DX	NA	NA	NA	NA	NA	None	No	20+	20	NA		
Hospital	Packaged Split AC System	ER Roof	ER	Packaged Split AC System	Recirc	Various Brands	NA	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No Exhaust Fan	NA	NA	NA	NA	NA	DX	NA	NA	NA	NA	NA	None	No	20+	20	NA		
	Old ER AHU	2nd Floor Engineering Room	Old Emergency Room	Custom built AHU	Recirc	Trane	CO0812CEOC	1	NA	NA	NA	NA	5	91%	Yes	NA	AO Smith	Century E-3	7.5	91.0%	NA	100%	No Exhaust Fan	NA	NA	Steam	NA	1,318	CHW	1,778.4 MBH	263.4 GPM	None	NA	NA	Steam - 973# /hr	No	5+	20	Digi w Pnu Actuators		
Hospital	Multizone AHU	2nd Floor Engineering Room	Exam #2 Large Holding Area Cas/Othopedic Surgery	Custom built AHU	100% OA	Pace Industries Corp.	NA	1	20,000	4.5"	NA	NA	Approx 15 HP	NA	NA	No return duct	NA	NA	NA	NA	NA	100%	No Exhaust Fan	NA	NA	Steam	NA	1,080 MBH	CHW	1445 MBH	200 GPM	Hot Water	97 GPM	972 MBH	Steam - 650# /hr	No	1995 - 14 Yrs	20	Digi w Pnu Actuators		
Hospital	NA	Roof	NA	PRTU	Recirc	McQuay	Mod # RAH 04 7C SY Ser # 3800058002	1	NA	NA	NA	NA	25	NA	No	NA	NA	NA	NA	NA	No	NA	None	NA	No	Steam	NA	NA	None	NA	NA	Steam	NA	NA	None	No	10+	15	NA		
Hospital	NA	Roof	South	PRTU	Recirc	Lennox	Mod # GCS16-120 270-2Y Ser # 5000H 06590	1	10	3600	NA	NA	3	NA	No	NA	No Return Fan	NA	NA	NA	NA	NA	No Exhaust Fan	NA	NA	Nat Gas Direct Fired	NA	Input 270 MBH output 216 MBH	Direct Expansion	10	NA	None	NA	NA	None	Na	15+	15	0 EER		
Center for Family Health	AHU	MER	Center for Family Health	Custom built AHU		McQuay	Forced Air	1	NA	NA	NA	NA	5	88%	Yes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	CHW	NA	NA	None	NA	NA	NA	No	NA	20	NA		
Center for Family Health	Heat Pump	MER	Center for Family Health	Ceiling Mounted Water Source Heat Pumps		McQuay	Ceiling Mounted Water Source Heat Pumps	27	1-3 Ton Capacity	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	CHW	NA	NA	None	NA	NA	NA	No	NA	13	NA			
Boilers																																									
Bldg	Tag#	Location	Area Served	Equipment	Mfg	Model	Quantity	Fuel	Heating Input MBtuh	Output MBtuh	Age	Estimated Service Life	Efficiency	Notes																											
Hospital	Bx # 1	Boiler Room	Building	Water-tube Steam Boiler	Cleaver-Brooks	Mod # WT-400X-BR-2 Ser # WL-2461	1	gas / #2 oil	34,731	800hp	1975	30	77%																												
Hospital	Bx # 2	Boiler Room	Building	Fire-tube Steam Boiler	Cleaver-Brooks	Mod # CBI-200-506-200 Ser # DL10004	1	gas / #2 oil	20,412 (145.8 GPH on #2 oil)	500hp	2007	25	82%																												
Center for Family Health	Bx # 1-5	Basement Boiler Room	Building	Modular Boiler	Wiel - McClan	GV-6	5	Natural Gas	175 MBTU	163 MBtuh (100% Heating Capacity)	1997	25	87%																												

Heating Hot Water Pumps																		Estimated Service Life
Bldg	Tag#	Location	Area Serving	Equipment	Pump Mfg	Pump Model	Quantity	GPM	Head ft	Pump RPM	Motor MFG	HP	Efficiency	Motor RPM	VFD?	Age	Estimated Service Life	
Hospital	P-1	5th Floor MER	Ftr 6 & 7 South reheats	HHW Pump	Armstrong	1.5 x 1 x 8	1	4	45	1800	Baldor	2	84.0%	1800	No	10+	20	
Hospital	P-2	5th Floor MER	Ftr 6 & 7 South reheats	HHW Pump	Armstrong	1.5 x 1 x 8	1	4	45	1800	Baldor	2	84.0%	1800	No	10+	20	
Hospital	P-3	5th Floor MER	HR + Finance Reheats (North)	HHW Pump	B+G	21-2A	1	50	NA	1800	NA	3	84.0%	1800	No	10+	20	
Hospital	P-4	5th Floor MER	HR + Finance Reheats (North)	HHW Pump	B+G	21-2A	1	50	NA	1800	NA	3	84.0%	1800	No	10+	20	
Hospital	P-5	5th Floor MER	NA	HHW Pump	NA	NA	1	NA	NA	1800	Marathon	7 1/2	84.0%	1800	No	10+	20	
Hospital	P-6	5th Floor MER (5th flr roof)	NA	HHW Pump	NA	NA	1	NA	NA	1800	Baldor	7 1/2	85.5%	1800	No	6+	20	
Center for Family Health	P-3,4	Center for Family Health	Perimeter Heat	Glycol Pump	NA	NA	2	NA	NA	NA	Marathon Electric	3	NA	NA	No	1997	20	
Center for Family Health	P-1,2	Center for Family Health	Perimeter Heat	Glycol Pump	NA	NA	2	NA	NA	NA	Marathon Electric	1/6	NA	NA	No	1997	20	
Center for Family Health	P-	Center for Family Health	Perimeter Heat	Glycol Pump	NA	NA	2	NA	NA	NA	Armstrong	1/4	NA	NA	No	1997	20	

Chillers														Age
Bldg	Tag#	Location	Area Served	Equipment	Type	Mfg	Quantity	Model	Tons	kW/Ton	Refrigerant	VFD?		
Hospital	Chiller	Boiler Rm	All Buildings CHW system	600T electric centrifugal chiller	Centrifugal	Carrier	1	10XB540 00401	600	NA	R-22	No	1096	
Hospital	TECOGEN	Tecogen MER (5th flr roof)	All Buildings CHW system	400T nat gas driven chiller	Gas	TecoChill	1	400X	400	NA	R-134a	Yes	2004	

CHW Pumps																		
Bldg	Tag#	Location	Area Served	Equipment	Pump Mfg	Quantity	GPM	Head ft	Motor Mfg	Motor Model	HP	Efficiency	Motor RPM	Voltage	3 PH or 1 PH?	VFD?	Age	Estimated Service Life
Hospital	CHW Pump	Boiler Room	Building	CHW pumps	Bel & Gossett	2	1,440	64	Emerson	Mod # 1845	30	92.4%	1,775	400/230/208	3 ph	No	15+	22
Hospital	CHW Pump	Tecogen MER (5th flr roof)	Building	CHW pumps	Bel & Gossett	2	1,000	65	Marathon	EBG2841T DC40292B-S	25	92.4%	1,775	400/230/208	3 ph	No	15+	22

Cooling Tower																	Age
Bldg	Tag#	Location	Area Served	Equipment	Type	Mfg	Quantity	Model	Tons	# Cells	Motor Mfg	Motor Model	Fan Motor HP	Efficiency	Voltage	3 PH or 1 PH?	VFD?
Hospital	CT - 1	South 7th Fl Roof	Building	Cooling Tower	2 Cell - Electric Traced	BAC	1	NA	NA	2	NA	NA	NA	NA	NA	NA	10+
Hospital	CT - 2	South 5th Fl Roof	Building	Cooling Tower	2 Cell - Electric Traced	Evecco	1	US620-719	NA	2	NA	NA	NA	NA	NA	NA	10+
Center for Family Health	CT	CPH Backyard	Building	Cooling Tower	1 cell	Evecco	1	LSJA-30A2	NA	1	NA	NA	NA	NA	NA	NA	1997

CDW Pumps																				
Bldg	Tag#	Location	Area Served	Equipment	Pump Mfg	Pump Model	Quantity	GPM	Head ft	Pump RPM	Motor Mfg	Motor Model	HP	Efficiency	Motor RPM	Voltage	3 PH or 1 PH?	VFD?	Age	Estimated Service Life
Hospital	NA	Boiler Rm	CDW System	CDW Return Pump	B+G	NA	2	1500	105	1800	Emerson	AR45	60	92%	1800	460	3	No	15+	22
Hospital	CDW Pump 1,2	Tecogen MER (5th flr roof)	CDW System	CDW Return Pump	B+G	8X10X10	2	1208	40	1800	US Electric	1597	15	90%	1800	460	3	No	6+	22

DOMESTIC HOT WATER													
Bldg	Tag#	Location	Area Served	Equipment	Quantity	Mfg	Model	Fuel	Gal	kW or MBH	# of elements	Age	Estimated Service Life
Hospital		2nd Floor Engineering Room	South Building	Steam - domestic hot water heat exchanger	2	AERCO	SW1B-00	NA	NA	NA	NA	1993	24
Center for Family Health		MER	Center for Family Health	indirect HHW/domestic hot water heat exchanger	1	Well McLean	Plus 100 Series 2	NA	NA	NA	NA	1997	24

Other Mechanical Equipment																	
Bldg	Tag#	Location	Area Served	Equipment	Quantity	Mfg	Model	Fuel	Cooling Capacity Tons / Btuh	Heat Input Btuh	Heat Output Btuh	HP	Other Data	Efficiency	Age	Estimated Service Life	Notes
Hospital	NA	Roof	Server Rm	CRAC Dry Cooler	1	Liebert	Mod # DDQ174A Ser # 6407C68653	electric	Approx 5 T	NA	NA	2 fans - 0.75 HP each	480 V, 3 Ph, 4.0 FLA	Approx 11.7 EER	2004	20	
Hospital	NA	Roof	Server Rm	Liebert Pump Package	1	Liebert	Mod # D1.5A	electric	NA	NA	NA	2 pumps - 1.5 HP each	480 V, 3 Ph, 4.5 FLA	NA	2004	20	
Hospital	NA	Roof	NA	Exhaust Fan	1	Accoustafan	Size 440 Shop # N-6882-100	electric	NA	NA	NA	Motor - 10 HP	Motor Mfg: US Electric Mod: AD84A 480 V, 3 Ph	87.50%	15+	20	
2nd Floor Engineering Room	NA	2nd Floor Engineering Room	Pneumatic Controls (actuators)	Air Compressor	1	Quincy	F325-345059-01	electric	na	na	na	5 HP					

HOBOKEN UNIVERSITY MEDICAL CENTER - HOSPITAL
308 WILLOW AVENUE
HOBOKEN, NEW JERSEY

EXECUTIVE SUMMARY

ENERGY DATA

Existing Energy Usage (Watts)	211,588
Proposed Energy Usage (Watts)	150,589
Energy Saved (Watts)	60,999
Annual Kilowatt Hours Saved (kWh)	293,044

FINANCIAL DATA

Annual Existing Energy Cost	\$ 129,554.40
Annual Proposed Energy Cost	\$ 96,702.51
Annual Energy Savings	\$ 32,851.89
Additional Energy Savings (Occupancy Sensors)	\$ 6,376.30
Total Energy Savings	\$ 39,228.19
Initial Project Cost	\$ 130,233.81
Utility Rebate (Based on NJ Smart Start Approval)	\$ 9,360.00
Project Cost	\$ 120,873.81

CASH FLOW SUMMARY

Return On Investment (R.O.I.)	27%
Payback (Years)	3.68
10 Year Savings	\$ 328,518.89
10-Year Cumulative Positive Cash Flow	\$ 207,645.09

New Jersey

HOBOKEN UNIVERSITY MEDICAL CENTER - HOSPITAL

308 WILLOW AVENUE
HOBOKEN, NEW JERSEY

GEORGE DOUMAR - DIRECTOR OF ENGINEERING

201-418-1174

N/A
HOSPITAL

UTILITY ACCOUNT NUMBER
BUILDING TYPE
SQUARE FOOTAGE

LN	FL #	Section/ Building	Room #	Room Description	Existing Fixture Description	Fixture Qty	Exist Ft x Ht x Can	Foot Candle	Total Ft x Ht x Can	Existing Ft x Ht x Can	Replacement Fixture Description	NJ Relays Code	NJ Relays Amount	Rep Qty	Rep Ft x Ht x Can	Total Ft x Ht x Can	Proposed Ft x Ht x Can	Qty	Hours	Exchg Saves	Annual Ene- Savings	Annual Ene- Savings	
1	7	SC7C		HALL	2L F3278 32W	26	60	11	1560	\$1,776.53	2L F3278 25W - RELAMP	20	\$ -	20	43	1118	\$1,273.18	8790	442	560.788	\$	503.35	
2	7	SC7C		HALL	EXIT SIGN - CFL	1	14	14		\$15.64	NEW LED EXIT SIGN	20	\$ -	20.00	1	3	3	\$3.42	8790	11	14.454	\$	12.53
3	7	SC7C		MEANS	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
4	7	SC7C		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
5	7	SC7C		WOMENS	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
6	7	SC7C		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
7	7	SC7A		ENDOSCOPLOGY OPEN	3L F3278 32W	24	88	42	2112	\$1,068.24	3L F3278 25W - RELAMP	20	\$ -	20	66	1564	\$823.68	4000	528	316.8	\$	274.56	
8	7	SC7A		BATH ROOM	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
9	7	SC7A		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
10	7	SC7A		STAFF BATH ROOM	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
11	7	SC7A		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
12	7	SC7A		ELECTRICAL CLOSET	2L F3278 32W	1	60	60		\$31.20	2L F3278 25W - RELAMP	20	\$ -	20.00	1	43	43	\$22.36	4000	17	10.2	\$	5.77
13	7	SC7A		SENSOR SAVINGS	WALL MOUNT SENSOR	1	60	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	43	43	\$22.36	4000	0	0	\$	-
14	7	SC7A		CLEAN UTILITY	3L F3278 32W	1	88	88		\$45.76	3L F3278 25W - RELAMP	20	\$ -	20.00	1	66	66	\$34.32	4000	22	13.2	\$	11.44
15	7	SC7A		SENSOR SAVINGS	WALL MOUNT SENSOR	1	88	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	66	66	\$34.32	4000	0	0	\$	-
16	7	SC7A		SOILED UTILITY	3L F3278 32W	3	88	264		\$137.28	3L F3278 25W - RELAMP	20	\$ -	20.00	3	66	198	\$102.96	4000	66	39.6	\$	34.32
17	7	SC7A		SENSOR SAVINGS	WALL MOUNT SENSOR	1	88	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	66	66	\$102.96	4000	0	0	\$	-
18	7	SC7A		SPECIAL PROCEDURE 1	3L F3278 32W	4	88	352		\$183.04	3L F3278 25W - RELAMP	20	\$ -	20.00	4	66	264	\$137.28	4000	88	52.8	\$	45.76
19	7	SC7A		SPECIAL PROCEDURE 2	3L F3278 32W	4	88	352		\$183.04	3L F3278 25W - RELAMP	20	\$ -	20.00	4	66	264	\$137.28	4000	88	52.8	\$	45.76
20	7	SC7A		SPECIAL PROCEDURE 3	3L F3278 32W	4	88	352		\$200.43	3L F3278 25W - RELAMP	20	\$ -	20.00	4	66	332	\$150.32	4000	88	52.8	\$	45.76
21	7	SC7A		RECEPTION AREA	3L F3278 32W	2	88	176		\$1,024.92	2L F3278 25W - RELAMP	20	\$ -	20.00	2	66	132	\$734.53	4000	44	57.616	\$	538.07
22	7	SC7B		HALL	2L F3278 32W	15	60	900		\$45.76	3L F3278 25W - RELAMP	20	\$ -	20.00	15	43	645	\$34.32	4000	22	13.2	\$	11.44
23	7	SC7B		BREAK ROOM	3L F3278 32W	1	88	88		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	66	66	\$0.00	4000	0	0	\$	-
24	7	SC7B		SENSOR SAVINGS	WALL MOUNT SENSOR	1	88	0		\$136.66	2L F3278 25W - RELAMP	20	\$ -	20.00	1	43	86	\$97.64	8790	34	44.676	\$	38.72
25	7	SC7B		WAITING AREA	2L F3278 32W	2	60	120		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
26	7	SC7B		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$19.24	NO MEASURE	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
27	7	SC7B		BATH ROOM	2L F1778 17W	1	37	37		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$0.00	4000	0	0	\$	-
28	7	SC7B		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$0.00	4000	0	0	\$	-
29	7	SC7B		STAFF LOUNGE	2L F3278 32W	2	60	23	120	\$62.40	2L F3278 25W - RELAMP	20	\$ -	20.00	2	43	86	\$44.72	4000	34	20.4	\$	17.68
30	7	SC7B		CONFERENCE ROOM	2L F3278 32W	2	60	30	120	\$62.40	2L F3278 25W - RELAMP	20	\$ -	20.00	2	43	86	\$44.72	4000	34	20.4	\$	17.68
31	7	SC7B		OFFICE	2L F3278 32W	2	60	30	120	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	43	86	\$0.00	4000	0	0	\$	-
32	7	SC7B		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$1,503.22	2L F3278 25W - RELAMP	20	\$ -	22	43	946	\$1,077.30	8790	374	491.436	\$	425.91	
33	7	SC7B		COS HALL	2L F3278 32W	22	60	1320		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
34	7	SC7B		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
35	7	SC7B		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
36	7	SC7B		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
37	7	SC7B		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
38	7	SC7B		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
39	7	SC7B		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
40	7	SC7B		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
41	7	SC7B		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
42	7	SC7B		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
43	7	SC7B		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
44	7	SC7A		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
45	7	SC7A		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
46	7	SC7A		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
47	7	SC7A		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
48	7	SC7A		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
49	7	SC7A		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
50	7	SC7A		PATIENT ROOM	CFL RECESSED CAN	4	14	56		\$0.00	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
51	7	SC7A		PATIENT ROOM BATH	2L F1778 17W	1	37	37		\$19.24	NO MEASURE	20	\$ -	4	14	56	\$0.00	4000	0	0	\$	-	
52	7	SC7A		TREATMENT ROOM	4L F3278 32W	1	112	112		\$58.24	4L F3278 25W - RELAMP	20	\$ -	1	86	86	\$44.72	4000	26	15.6	\$	13.52	
53	7	SC7A		SENSOR SAVINGS	WALL MOUNT SENSOR	1	112	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	86	86	\$44.72	4000	26	15.6	\$	13.52
54	7	SC7A		ACTIVITY ROOM	CFL RECESSED CAN	4	14	56		\$19.24	NO MEASURE	20	\$ -	20.00	1	43	56	\$22.36	4000	17	10.2	\$	6.71
55	7	SC7A		LAUNDRY ROOM	2L F3278 32W	1	60	60		\$11.20	2L F3278 25W - RELAMP	20	\$ -	20.00	1	43	43	\$22.36	4000	17	10.2	\$	6.71
56	7	SC7A		SENSOR SAVINGS	WALL MOUNT SENSOR	1	37	0		\$19.24	OCCUPANCY SENSOR - WALL MOUNT	20	\$ -	20.00	1	37	37	\$19.24	4000	0	0	\$	-
57	7	SC7A		LA																			

LN	FL	Section/ Building	ROOM #	Room Description	Existing Fixture Description	Fixture Code	Exist Qty	Exist Ft/Ln	Foot Candle Ft/Ln	Total Ft/Ln	Ext'd As Desc	Replacement Fixture Description	NI Replace Code	NI Replace Amount	Repl Qty	Repl Ft/Ln	Total Ft/Ln	Proposed As Desc	Op Hours	Ft/Ln Saved	Annual Savings	Annual Savings \$/Kw/Ln
76	7	SC7C	700	PATIENT ROOM BED	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	
77	7	SC7C	700	PATIENT ROOM BED	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
78	7	SC7C	729	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
79	7	SC7C	729	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
80	7	SC7C	729	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
81	7	SC7C	729	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
82	7	SC7C	729	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
83	7	SC7C	729	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
84	7	SC7C	727	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
85	7	SC7C	727	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
86	7	SC7C	727	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
87	7	SC7C	726	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
88	7	SC7C	726	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
89	7	SC7C	725	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
90	7	SC7C	725	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
91	7	SC7C	725	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
92	7	SC7C	701	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
93	7	SC7C	701	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
94	7	SC7C	701	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
95	7	SC7C	702	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
96	7	SC7C	702	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
97	7	SC7C	702	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
98	7	SC7C	703	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
99	7	SC7C	703	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
100	7	SC7C	703	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
101	7	SC7C	704	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
102	7	SC7C	704	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
103	7	SC7C	704	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
104	7	SC7C	705	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
105	7	SC7C	705	PATIENT ROOM	4L F32T8 32W		2	112	224		\$116.48	4L F32T8 25W - RELAMP		\$ -	2	86	172	\$89.44	4000	52	\$19.24	31.2
106	7	SC7C	705	PATIENT ROOM	2L F25T8 25W		3	43	129		\$67.08	NO MEASURE		\$ -	3	43	129	\$67.08	4000	0	\$ -	27.04
107	7	SC7C	705	PATIENT ROOM	2L F17B 17W		1	37	37		\$19.24	NO MEASURE		\$ -	1	37	37	\$19.24	4000	0	\$ -	
108	7	SC7C		WAITING AREA	2L F32T8 32W		2	60	120		\$136.69	2L F32T8 25W - RELAMP		\$ -	2	43	86	\$97.94	8760	34	\$19.24	44.678
109	7	SC7C		STAFF LOUNGE	WALL MOUNT SENSOR		1	0	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$20.00	1	37	111	\$57.72	4000	0	\$ -	29.38
110	7	SC7C		STAFF LOUNGE	2L F17B 17W		3	37	111		\$57.72	NO MEASURE		\$ -	3	37	111	\$57.72	4000	0	\$ -	
111	7	SC7C		STAFF LOUNGE	WALL MOUNT SENSOR		1	0	0		\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$20.00	1	66	66	\$75.16	8760	22	\$26.05	17.32
112	7	SC7C		SUB STATION	3L F32T8 32W		1	86	86		\$109.21	3L F32T8 25W - RELAMP		\$ -	1	43	43	\$23.36	4000	17	\$10.2	8.84
113	7	SC7C		SOLED UTILITY	3L F32T8 32W		3	86	264		\$137.28	3L F32T8 25W - RELAMP		\$ -	3	66	198	\$102.96	4000	66	\$34.32	
114	7	SC7C		CONFERENCE ROOM	WALL MOUNT SENSOR		4	37	148		\$76.66	NO MEASURE		\$ -	4	37	148	\$76.66	4000	0	\$ -	
115	7	SC7C		CONFERENCE ROOM	2L F17B 17W		1	37	37		\$19.24	OCCUPANCY SENSOR - WALL MOUNT	20	\$20.00	1	37	37	\$19.24	4000	0	\$ -	23.06
116	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
117	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
118	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
119	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
120	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
121	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
122	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
123	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
124	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
125	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
126	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
127	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
128	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
129	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
130	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
131	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
132	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
133	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
134	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
135	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
136	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
137	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
138	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
139	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
140	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
141	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
142	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
143	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
144	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000	0	\$ -	
145	7	SC7C		OFFICE	2L F32T8 32W		1	60	60		\$12.20	NO MEASURE		\$ -	1	37	37	\$12.20	4000</			

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LN #	Section/ Building	ROOM #	Room Description	Existing Fixture Description	Value Code	Exst. Qty	Exst. Fix Wts	Foot Candle	Total Fix Wts	Existing An. Cost	Replacement Fixture Description	N7 Return Color	N7 Return Amount	Repl. Qty	Repl. Fix Wts	Total Fix Wts	Proposed An. Cost	Qty. Repl. Fix Wts	Annual Elec. Savings	Annual Sens. Savings	
243	6	SOA	BATH ROOM	2L F17B 17W	1	37	37		37	\$19.24	NO MEASURE			-	1	37	37	\$19.24	4000	0	\$
244	6	SOA	PATIENT SHOWER	2L F17B 17W	1	37	37		37	\$19.24	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
245	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
246	6	SOA	BATH ROOM	2L F17B 17W	1	37	37		37	\$19.24	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
247	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
248	6	SOA	EXAM CONSULTATION	3L F327B 32W	2	88	176		176	\$91.52	3L F327B 25W - RELAMP		\$ -	-	2	66	132	\$68.64	4000	44	\$ 22.88
249	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
250	6	SOA	CLINICAL NUTRITION OFFICE	2L F327B 32W	2	60	120		120	\$62.40	2L F327B 25W - RELAMP		\$ -	-	2	43	86	\$44.72	4000	34	\$ 17.68
251	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
252	6	SOA	STORAGE	3L F327B 32W	2	88	176		176	\$91.52	3L F327B 25W - RELAMP		\$ -	-	2	66	132	\$68.64	4000	44	\$ 22.88
253	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
254	6	SOA	PATIENT SHOWER	2L F17B 17W	1	37	37		37	\$19.24	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
255	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
256	6	SOA	STAFF BATH ROOM	2L F17B 17W	1	37	37		37	\$19.24	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
257	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	37	37	\$19.24	4000	0	\$
258	6	SOA	NURSE STATION	2L F327B 32W	1	37	37		37	\$19.24	NO MEASURE		\$ -	-	1	37	37	\$19.24	4000	0	\$
259	6	SOA	NURSHING	2L F17B 17W	2	66	132		132	\$103.43	3L F327B 25W - RELAMP		\$ -	-	2	66	132	\$103.43	4000	44	\$ 17.68
260	6	SOA	NURSING CARE COORD	3L F327B 32W	1	60	60		60	\$41.60	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
261	6	SOA	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0		0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
262	6	SOA	MECHANICAL 1	1L 20W CFL	1	20	80		80	\$0.00	NO MEASURE		\$ -	-	4	20	80	\$0.00	0	0	\$
263	6	SOA	MECHANICAL 1	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
264	6	SOA	MECHANICAL 2	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
265	6	SOA	MECHANICAL 2	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
266	6	SOA	HALL	2L F17B 17W	8	37	296		296	\$337.08	NO MEASURE		\$ -	-	8	37	296	\$337.08	4000	17	\$ 8.64
267	6	SOA	HALL	2L F17B 17W	5	60	300		300	\$156.00	2L F327B 25W - RELAMP		\$ -	-	5	43	215	\$111.80	4000	85	\$ 17.68
268	6	SOA	INFUSION	2L F17B 17W	6	37	222		222	\$115.44	NO MEASURE		\$ -	-	6	37	222	\$115.44	4000	0	\$
269	6	SOA	INFUSION	2L F17B 17W	1	43	43		43	\$22.36	NO MEASURE		\$ -	-	1	43	43	\$22.36	4000	0	\$
270	6	SOA	INFUSION BATH 1	2L F17B 17W	1	37	37		37	\$19.24	NO MEASURE		\$ -	-	1	37	37	\$19.24	4000	0	\$
271	6	SOA	INFUSION BATH 2	2L F17B 17W	4	37	148		148	\$168.54	NO MEASURE		\$ -	-	4	37	148	\$168.54	4000	0	\$
272	6	SOA	WAITING AREA	2L F17B 17W	2	37	74		74	\$84.27	NO MEASURE		\$ -	-	2	37	74	\$84.27	4000	34	\$ 17.68
273	6	SOA	HALL	2L F17B 17W	19	60	1140		1140	\$1,208.25	2L F327B 25W - RELAMP		\$ -	-	19	43	817	\$630.40	4000	323	\$ 424.42
274	6	SOA	UNDER RENOVATION	4L F327B 32W	4	112	448		448	\$210.26	4L F327B 25W - RELAMP		\$ -	-	4	86	344	\$178.88	4000	104	\$ 62.4
275	6	SOA	PATIENT ROOM	2L F327B 32W	2	60	120		120	\$62.40	2L F327B 25W - RELAMP		\$ -	-	2	43	86	\$44.72	4000	34	\$ 17.68
276	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
277	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
278	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
279	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
280	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
281	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
282	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
283	6	SOA	PATIENT ROOM BED	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
284	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
285	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
286	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
287	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
288	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
289	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
290	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
291	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
292	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
293	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
294	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
295	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
296	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
297	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
298	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
299	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
300	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
301	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
302	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
303	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
304	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
305	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
306	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
307	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
308	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
309	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
310	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W - RELAMP		\$ -	-	1	43	43	\$22.36	4000	37	\$ 19.24
311	6	SOA	CONFERENCE ROOM	2L F327B 32W	1	60	60		60	\$41.60	2L F327B 25W -										

[illegible]

[illegible]

LN	FL	Section/Building	Room #	Room Description	Existing Feature Description	Exist. Door	Exist. Fin	Exist. Fty	Foot Cnd	Foot Wdg	Existing Area Sq Ft	Replacement Feature Description	Ni Reuse	Ni Reuse Area Sq Ft	Repl. Qty	Repl. Wdg	Proposed Area Sq Ft	Proposed Wdg	Over Hours	Saved U.S. Yr	Annual Pac. Savings	Annual Pac. Savings U.S. Yr		
405	5	SC5C	500	SENSOR SAVINGS	CEILING SENSOR	1	1	0	0	240	0	\$124.80	20 CC2378 25W - RELAMP	35	\$ 35.00	1	4	\$50.40	0	0	0	\$	\$ 35.36	\$ 10.30
406	5	SC5C	499	RECOVERY	2L F2378 32W	4	60	4	60	240	0	\$20.40	20 CC2378 25W - RELAMP	\$	\$ -	4	43	\$172	4000	68	40.8	\$	\$	\$
407	5	SC5C	498	RECOVERY	2L F1778 17W	2	37	74	88	74	0	\$38.46	NO MEASURE	\$	\$ -	2	37	\$74	4000	0	0	\$	\$ -	\$
408	5	SC5C	498	EXAM ROOM	2L F2378 32W	1	88	88	88	88	0	\$46.76	1L F2378 25W - RELAMP	\$	\$ -	1	66	\$66	4000	22	13.2	\$	\$ -	\$
521	5	SC5C	501	PATIENT ROOM	2L FB4112 U6 34W	1	80	80	80	80	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
522	5	SC5C	501	PATIENT ROOM BED	2L F2378 32W	1	60	60	60	60	0	\$41.60	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
501	5	SC5C	501	PATIENT ROOM	2L FB4112 U6 32W	1	60	60	60	60	0	\$41.60	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
502	5	SC5C	502	PATIENT ROOM	2L FB4112 U6 34W	1	80	80	80	80	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
503	5	SC5C	503	PATIENT ROOM BED	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
504	5	SC5C	504	PATIENT ROOM	2L FB4112 U6 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
505	5	SC5C	505	PATIENT ROOM	2L FB4112 U6 34W	1	80	80	80	80	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
506	5	SC5C	506	PATIENT ROOM	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
507	5	SC5C	507	PATIENT ROOM BED	2L F2378 32W	1	60	60	60	60	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
508	5	SC5C	508	PATIENT ROOM	2L FB4112 U6 34W	1	80	80	80	80	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
509	5	SC5C	509	PATIENT ROOM	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
510	5	SC5C	510	PATIENT ROOM	2L FB4112 U6 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
511	5	SC5C	511	PATIENT ROOM BED	2L F2378 32W	1	60	60	60	60	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
512	5	SC5C	512	PATIENT ROOM	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
513	5	SC5C	513	PATIENT ROOM	2L FB4112 U6 34W	1	80	80	80	80	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
514	5	SC5C	514	PATIENT ROOM BED	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
515	5	SC5C	515	PATIENT ROOM	2L FB4112 U6 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
516	5	SC5C	516	DELIVERY ROOM 1	2L F1778 17W	3	37	111	111	111	0	\$128.41	NO MEASURE	\$	\$ -	3	37	\$111	8760	0	0	\$	\$ -	\$
517	5	SC5C	517	DELIVERY ROOM 2	2L F2378 32W	4	60	240	240	240	0	\$124.80	2L F2378 25W - RELAMP	\$	\$ -	4	43	\$172	4000	68	40.8	\$	\$ 35.36	\$
518	5	SC5C	518	DELIVERY ROOM 3	2L F2378 32W	4	60	240	240	240	0	\$124.80	2L F2378 25W - RELAMP	\$	\$ -	4	43	\$172	4000	68	40.8	\$	\$ 35.36	\$
519	5	SC5C	519	CLEAN UTILITY	2L F2378 32W	2	60	120	60	120	0	\$62.40	2L F2378 25W - RELAMP	\$	\$ -	2	43	\$66	4000	34	20.4	\$	\$ 17.68	\$
520	5	SC5C	520	ANESTHESIA	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
521	5	SC5C	521	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 6.71
522	5	SC5C	522	STORAGE	2L F1778 17W	1	37	0	37	0	0	\$19.24	NO MEASURE	\$	\$ -	1	37	\$37	4000	0	0	\$	\$ -	\$
523	5	SC5C	523	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 5.77
524	5	SC5C	524	SOLED UTILITY	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
525	5	SC5C	525	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 6.71
526	5	SC5C	526	HOUSE KEEPING	1L 109W A	1	100	0	100	0	0	\$50.00	1L 20W CFL	\$	\$ 20.00	1	20	\$20	4000	80	48	\$	\$ 41.60	\$ 3.12
527	5	SC5C	527	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$
528	5	SC5C	528	PATIENT ROOM	4L F2378 32W	1	112	112	112	112	0	\$82.40	4L F2378 25W - RELAMP	\$	\$ -	1	86	\$86	4000	26	15.6	\$	\$ 13.52	\$
529	5	SC5C	529	PATIENT ROOM BED	4L F2378 32W	2	60	120	60	120	0	\$62.40	4L F2378 25W - RELAMP	\$	\$ -	2	43	\$66	4000	34	20.4	\$	\$ 17.68	\$
530	5	SC5C	530	PATIENT ROOM	4L F2378 32W	1	112	112	112	112	0	\$82.40	4L F2378 25W - RELAMP	\$	\$ -	1	86	\$86	4000	26	15.6	\$	\$ 13.52	\$
531	5	SC5C	531	PATIENT ROOM	4L F2378 32W	1	112	112	112	112	0	\$82.40	4L F2378 25W - RELAMP	\$	\$ -	1	86	\$86	4000	26	15.6	\$	\$ 13.52	\$
532	5	SC5C	532	PATIENT ROOM	4L F2378 32W	2	60	120	60	120	0	\$62.40	4L F2378 25W - RELAMP	\$	\$ -	2	43	\$66	4000	34	20.4	\$	\$ 17.68	\$
533	5	SC5C	533	PATIENT ROOM	4L F2378 32W	1	112	112	112	112	0	\$82.40	4L F2378 25W - RELAMP	\$	\$ -	1	86	\$86	4000	26	15.6	\$	\$ 13.52	\$
534	5	SC5C	534	PATIENT ROOM BED	4L F2378 32W	2	60	120	60	120	0	\$62.40	4L F2378 25W - RELAMP	\$	\$ -	2	43	\$66	4000	34	20.4	\$	\$ 17.68	\$
535	5	SC5C	535	STAFF LOUNGE	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
536	5	SC5C	536	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 6.71
537	5	SC5C	537	STAFF BATH ROOM	2L FB3278 U6 32W	1	60	60	60	60	0	\$31.20	2L F2378 U6 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
538	5	SC5C	538	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 6.71
539	5	SC5C	539	SENSOR SAVINGS	WALL MOUNT SENSOR	10	60	000	000	000	0	\$63.28	2L F2378 25W - RELAMP	\$	\$ 20.00	1	43	\$43	4000	170	102.38	\$	\$ 193.90	\$
540	5	SC5C	540	NURSING CARE	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
541	5	SC5C	541	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 6.71
542	5	SC5C	542	OFFICE	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
543	5	SC5C	543	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 6.71
544	5	SC5C	544	STORAGE	2L F1778 17W	1	37	0	37	0	0	\$19.24	NO MEASURE	\$	\$ -	1	37	\$37	4000	0	0	\$	\$ -	\$ 5.77
545	5	SC5C	545	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 5.77
546	5	SC5C	546	STORAGE	2L F1778 17W	1	37	0	37	0	0	\$19.24	NO MEASURE	\$	\$ -	1	37	\$37	4000	0	0	\$	\$ -	\$ 5.77
547	5	SC5C	547	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	37	\$37	4000	0	0	\$	\$ -	\$ 5.77
548	5	SC5C	548	STORAGE	2L FB4112 U6 34W	1	80	80	80	80	0	\$41.60	2L F2378 U6 25W - RELAMP/REBALLAST	10	\$ 10.00	1	43	\$43	4000	37	22.2	\$	\$ 19.24	\$
549	5	SC5C	549	NURSERY HALL	2L F2378 32W	5	88	440	440	440	0	\$50.07	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	110	144.54	\$	\$ 125.27	\$
550	5	SC5C	550	FORMULA ROOM	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
551	5	SC5C	551	STORAGE	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$	\$ 8.84	\$
552	5	SC5C	552	NURSERY	2L F2378 32W	3	60	180	60	180	0	\$204.96	2L F2378 25W - RELAMP	\$	\$ -	3	43	\$129	8760	51	67.014	\$	\$ 58.08	\$
553	5	SC5C	553	OFFICE	2L F2378 32W	2	60	120	60	120	0	\$62.40	2L F2378 25W - RELAMP	\$	\$ -	2	43	\$66	4000	34	20.4	\$	\$ 17.68	\$
554	5	SC5C	554	SUPPLIES	2L F2378 32W	1	60	60	60	60	0	\$31.20	2L F2378 25W - RELAMP	\$	\$ -	1	43	\$43	4000	17	10.2	\$		

Section/ Building	Room #	Room Description	Existing Fixture Description	Fixture Code	Exst. Qty	Exst. As-Built Cncls	Total As-Built	Extng As-Built	Replacement	Qty	Unit	Phase	Req.	Proj.	Total As-Built	Proposed As-Built	CR As-Built	Actual As-Built	Actual As-Built	Actual As-Built	
SCAD	427	PATIENT ROOM	4L F32T2 34W	1	100	1	100	393.20	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	428	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	429	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	430	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	431	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	432	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	433	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	434	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	435	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	436	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	437	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	438	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	439	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	440	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	441	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	442	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	443	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	444	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	445	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	446	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	447	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	448	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	449	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	450	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	451	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	452	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	453	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	454	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	455	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	456	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	457	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	458	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	459	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	460	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	461	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	462	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	463	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	464	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	465	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	466	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	467	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	468	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	469	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	470	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	471	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
	472	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48
	473	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48
474	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
475	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
476	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
477	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
478	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
479	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
480	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
481	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
482	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
483	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
484	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
485	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
486	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
487	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
488	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
489	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
490	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
491	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
492	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00	0	102	0	\$	38.48	
493	PATIENT ROOM	4L F32T2 34W	1	160	1	160	\$0.00	4L F32T8 25W - RELAMP/REBALLAST	20	\$	20.00	1	86	86	\$44.72	4000	74	44.4	\$	38.48	
494	PATIENT ROOM	1L 14W R30 CFL	2	65	1	66	\$0.00	1L 14W R30 CFL	20	\$	20.00	1	14	28	\$0.00						

[illegible]

LN #	Section/Building	Room #	Room Description	Existing Fixture Description	Plant Code	Ext. Qty	Ext. Fixture	Foot Candle	Total Fx Ws	Existing Adj. Code	Replacement Fixture Description	Ni Relate Code	Ni Relate Amount	Repl Qty	Repl Fx Ws	Total Fx Ws	Proposed Adj. Code	Gr. Hours	Fx Ws Saved	\$ / Foot	Annual Elec. Savings	Annual Sens. Savings
747	4	SCA	8	OPERATING ROOM	4L F32T8 32W	1	112	896	896	\$45.92	4L F32T8 25W - RELAMP	\$	-	8	86	688	\$357.20	4000	208	124.8	\$	108.16
748	4	SCA	8	VIEWING ROOM	2L F17T8 17W	1	37	37	37	\$19.24	NO MEASURE	\$	-	1	37	37	\$42.14	4000	0	0	\$	-
749	4	SCA	7	HALL	2L F17T8 17W	1	37	37	37	\$42.14	NO MEASURE	\$	-	1	37	37	\$42.14	8760	0	0	\$	-
750	4	SCA	7	OPERATING ROOM	4L F32T8 32W	8	112	896	896	\$45.92	4L F32T8 25W - RELAMP	\$	-	8	86	688	\$357.20	4000	208	124.8	\$	108.16
751	4	SCA	6	OPERATING ROOM	4L F32T8 32W	9	112	1008	1008	\$52.40	4L F32T8 25W - RELAMP	\$	-	9	86	774	\$402.48	4000	234	140.4	\$	121.68
752	4	SCA	6	MECHANICAL	1L 100W A	1	100	100	100	\$52.00	1L 20W CFL	\$	-	1	20	20	\$10.40	4000	80	48	\$	41.60
753	4	SCA	6	SINK	2L F32T8 32W	1	60	60	60	\$31.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2	\$	8.84
754	4	SCA	5	OPERATING ROOM	4L F32T8 32W	8	112	896	896	\$45.92	4L F32T8 25W - RELAMP	\$	-	8	86	688	\$357.20	4000	208	124.8	\$	108.16
755	4	SCA	4	OPERATING ROOM	4L F32T8 32W	8	112	896	896	\$45.92	4L F32T8 25W - RELAMP	\$	-	8	86	688	\$357.20	4000	208	124.8	\$	108.16
756	4	SCA	3	OPERATING ROOM	4L F32T8 32W	8	112	896	896	\$45.92	4L F32T8 25W - RELAMP	\$	-	8	86	688	\$357.20	4000	208	124.8	\$	108.16
757	4	SCA	4	SUB-STERILE ROOM 2	2L F17T8 17W	2	37	74	74	\$38.48	NO MEASURE	\$	-	2	37	74	\$38.48	4000	0	0	\$	-
758	4	SCA	7	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	11.64
759	4	SCA	7	SENIOR SAVINGS	WALL MOUNT SENSOR	1	100	100	100	\$52.00	1L 20W CFL	\$	-	1	20	20	\$10.40	4000	80	48	\$	41.60
760	4	SCA	7	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	3.12
761	4	SCA	2	OPERATING ROOM	4L F32T8 32W	8	112	896	896	\$45.92	4L F32T8 25W - RELAMP	\$	-	8	86	688	\$357.20	4000	208	124.8	\$	108.16
762	4	SCA	2	SUB-STERILE ROOM 1	2L F17T8 17W	1	37	37	37	\$19.24	NO MEASURE	20	\$ 20.00	1	1	10	\$19.24	4000	0	0	\$	-
763	4	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	5.77
764	4	SCA	1	OPERATING ROOM	1L 60W A	1	60	60	60	\$65.92	4L F32T8 25W - RELAMP	\$	-	1	10	10	\$357.20	4000	208	124.8	\$	108.16
765	4	SCA	1	OPERATING ROOM	4L F32T8 32W	8	112	896	896	\$45.92	4L F32T8 25W - RELAMP	\$	-	8	86	688	\$357.20	4000	208	124.8	\$	108.16
766	4	SCA	1	GENERAL OPEN AREA	2L F32T8 32W	33	60	1980	1980	\$109.60	2L F32T8 25W - RELAMP	\$	-	33	43	1419	\$73.68	4000	561	336.6	\$	291.72
767	4	SCA	1	GENERAL OPEN AREA	2L F17T8 17W	5	37	185	185	\$96.20	NO MEASURE	\$	-	5	37	185	\$60.20	4000	0	0	\$	-
768	4	SCA	1	EQUIPMENT	2L F32T8 32W	4	60	240	240	\$124.80	2L F32T8 25W - RELAMP	\$	-	4	43	172	\$69.44	4000	68	40.8	\$	35.36
769	4	SCA	1	SENIOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$ 35.00	1	0	0	\$0.00	0	0	0	\$	20.63
770	4	SCA	1	STERILE SUPPLY	2L F32T8 32W	4	60	240	240	\$124.80	2L F32T8 25W - RELAMP	\$	-	4	43	172	\$69.44	4000	68	40.8	\$	35.36
771	4	SCA	1	SENIOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$ 35.00	1	0	0	\$0.00	0	0	0	\$	26.63
772	4	SCA	1	SENIOR SAVINGS	2L F32T8 32W	2	60	120	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4	\$	17.68
773	4	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	13.42
774	3	SCA	1	LAB HALL	2L F17T8 17W	2	37	74	74	\$38.48	NO MEASURE	\$	-	2	37	74	\$38.48	4000	0	0	\$	-
775	3	SCA	1	BLOOD DRAW	2L F32T8 32W	2	60	120	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4	\$	17.68
776	3	SCA	1	BLOOD DRAW	4L F32T8 32W	1	112	112	112	\$58.24	4L F32T8 25W - RELAMP	\$	-	1	86	86	\$44.72	4000	26	15.6	\$	13.52
777	3	SCA	1	LAB	2L F32T8 32W	2	60	120	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4	\$	17.68
778	3	SCA	1	LAB	4L F32T8 32W	28	112	3136	3136	\$1630.72	4L F32T8 25W - RELAMP	\$	-	28	86	2408	\$1,252.16	4000	728	436.8	\$	378.56
779	3	SCA	1	HISTOLOGY	2L F17T8 17W	3	37	111	111	\$57.72	NO MEASURE	\$	-	3	37	111	\$57.72	4000	0	0	\$	-
780	3	SCA	1	HISTOLOGY	2L F32T8 32W	6	60	360	360	\$187.20	2L F32T8 25W - RELAMP	\$	-	6	43	258	\$134.16	4000	102	61.2	\$	53.04
781	3	SCA	1	STORAGE	2L F32T8 32W	2	60	120	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4	\$	17.68
782	3	SCA	1	TECH ROOM	2L F32T8 32W	6	60	360	360	\$187.20	2L F32T8 25W - RELAMP	\$	-	6	43	258	\$134.16	4000	102	61.2	\$	53.04
783	3	SCA	1	STORAGE	2L F32T8 32W	4	60	240	240	\$124.80	2L F32T8 25W - RELAMP	\$	-	4	43	172	\$69.44	4000	68	40.8	\$	35.36
784	3	SCA	1	SENIOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$ 35.00	1	0	0	\$0.00	0	0	0	\$	26.63
785	3	SCA	1	OFFICE	2L F32T8 32W	3	60	180	180	\$93.60	2L F32T8 25W - RELAMP	\$	-	3	43	129	\$67.08	4000	51	30.6	\$	26.52
786	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	20.12
787	3	SCA	1	OFFICE 2	2L F32T8 32W	2	60	120	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4	\$	17.68
788	3	SCA	1	OFFICE 3	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	13.42
789	3	SCA	1	SENIOR SAVINGS	2L F32T8 32W	2	60	120	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4	\$	17.68
790	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	13.42
791	3	SCA	1	OFFICE 4	2L F32T8 32W	2	60	120	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4	\$	17.68
792	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	13.42
793	3	SCA	1	BIO HAZARD	2L F17T8 17W	9	37	333	333	\$173.16	NO MEASURE	\$	-	9	37	333	\$173.16	4000	0	0	\$	-
794	3	SCA	1	SENIOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$ 35.00	1	0	0	\$0.00	0	0	0	\$	51.95
795	3	SCA	1	SENIOR SAVINGS	2L F17T8 17W	6	37	222	222	\$115.44	NO MEASURE	\$	-	6	37	222	\$115.44	4000	0	0	\$	-
796	3	SCA	1	SENIOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$ 35.00	1	0	0	\$0.00	0	0	0	\$	34.63
797	3	SCA	1	HVAC	2L F32T8 32W	1	60	60	60	\$31.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2	\$	8.84
798	3	SCA	1	OFFICE	2L F17T8 17W	4	37	148	148	\$76.96	NO MEASURE	\$	-	4	37	148	\$76.96	4000	0	0	\$	-
799	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	23.09
800	3	SCA	1	SENIOR SAVINGS	2L F32T8 32W	6	60	360	360	\$187.20	2L F32T8 25W - RELAMP	\$	-	6	43	258	\$134.16	4000	102	61.2	\$	53.04
801	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	40.25
802	3	SCA	1	BIO HAZARD	2L F17T8 17W	4	37	148	148	\$76.96	NO MEASURE	\$	-	4	37	148	\$76.96	4000	0	0	\$	-
803	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	23.09
804	3	SCA	1	OFFICE DEB	2L F17T8 17W	7	37	259	259	\$134.68	NO MEASURE	\$	-	7	37	259	\$134.68	4000	0	0	\$	-
805	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	40.40
806	3	SCA	1	RADIOLOGY INTERVENTION	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	-
807	3	SCA	1	SENIOR SAVINGS	2L F17T8 17W	8	37	296	296	\$153.92	NO MEASURE	\$	-	8	37	296	\$153.92	4000	0	0	\$	-
808	3	SCA	1	SENIOR SAVINGS	3L F32T8 32W	2	88	176	176	\$91.52	3L F32T8 25W - RELAMP	\$	-	2	66	132	\$68.64	4000	44	26.4	\$	22.88
809	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	20.59
810	3	SCA	1	OFFICE - RICHARD	3L F32T8 32W	1	88	88	88	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2	\$	11.44
811	3	SCA	1	SENIOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$ 20.00	1	0	0	\$0.00	0	0	0	\$	10.30
812	3	SCA	1	PHYS VIEWING	2L F17T8 17W	2	37															

AN	FL	SCADA Building	ROOM #	Room Description	Existing Room Description	Value Cost	Est. Area (sq ft)	Foot. Count (ft)	Existing Foot. Count (ft)	Replacement Description	NI Replace Cost	NI Replace Area (sq ft)	Repl. Count (ft)	Total Area (sq ft)	Proposed Area (sq ft)	Qty.	Est. Area (sq ft)	Annual Effic Savings	Annual Effic Savings
881	3	SCIB	X RAY ROOM 4	1L 6SW RFD	1L 6SW RFD	4	65	260	155.20	1L 1W RFD CFL	\$	20.0	14	56	\$29.12	4000	204	\$	106.08
882	3	SCIB	2L F827B U6 32W	2L F827B U6 32W	2L F827B U6 32W	8	60	460	\$496.62	2L F827B U6 25W - RELAMP	\$	20.0	8	43	\$301.75	8760	176.704	\$	154.88
883	3	SCIB	OFFICE	2L F827B U6 32W	2L F827B U6 32W	2	60	120	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	2	43	\$44.72	4000	34	\$	17.68
884	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$62.40	2L F827B U6 25W - RELAMP	\$	20.0	1	66	\$0.00	0	0	\$	13.42
885	3	SCIB	OFFICE 2	2L F827B U6 32W	2L F827B U6 32W	2	60	120	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	2	43	\$44.72	4000	34	\$	17.68
886	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$124.80	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$0.00	0	0	\$	13.42
887	3	SCIB	EXAMINATION ROOM	2L F827B U6 32W	2L F827B U6 32W	4	60	240	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	4	172	\$89.44	4000	68	\$	35.36
888	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$0.00	0	0	\$	26.83
889	3	SCIB	BATH ROOM	2L F827B U6 32W	2L F827B U6 32W	1	60	60	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
890	3	SCIB	MENS LOCKER HALL	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$0.00	0	0	\$	6.71
891	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$19.24	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
892	3	SCIB	BATH ROOM	2L F827B U6 32W	2L F827B U6 32W	1	37	37	\$19.24	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	37	\$10.24	4000	0	\$	6.71
893	3	SCIB	ELECTRICAL CLOSET	4L F34T12 34W	4L F34T12 34W	1	60	60	\$31.20	2L F827B 25W - RELAMP	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
894	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$44.72	4000	74	\$	36.48
895	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	160	160	\$62.40	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$0.00	0	0	\$	13.42
896	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	27	\$19.24	2L F827B 25W - RELAMP	\$	20.0	1	43	\$44.72	4000	34	\$	17.68
897	3	SCIB	EMPLOYEE HEALTH SVCS	2L F34T12 34W	2L F34T12 34W	2	60	27	\$19.24	2L F827B 25W - RELAMP	\$	20.0	1	43	\$22.36	4000	37	\$	19.24
898	3	SCIB	BATH ROOM	2L F827B U6 32W	2L F827B U6 32W	1	37	37	\$19.24	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	37	\$0.00	0	0	\$	5.77
899	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
900	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$0.00	0	0	\$	6.71
901	3	SCIB	EXAMINATION ROOM	2L F827B U6 32W	2L F827B U6 32W	1	60	60	\$49.20	2L F827B U6 25W - RELAMP	\$	20.0	1	43	\$245.96	4000	187	\$	97.24
902	3	SCIB	PHYSICAL THERAPY OPEN	2L F827B U6 32W	2L F827B U6 32W	11	60	660	\$62.40	2L F827B 25W - RELAMP	\$	20.0	1	43	\$44.72	4000	34	\$	17.68
903	3	SCIB	PHYSICAL THERAPY OPEN	2L F827B U6 32W	2L F827B U6 32W	2	60	120	\$19.24	NO MEASURE	\$	20.0	1	37	\$10.24	4000	0	\$	0
904	3	SCIB	PHYSICAL THERAPY OPEN	2L F827B U6 32W	2L F827B U6 32W	1	37	37	\$19.24	NO MEASURE	\$	20.0	1	37	\$0.00	0	0	\$	0
905	3	SCIB	PHYSICAL THERAPY OPEN	2L F827B U6 32W	2L F827B U6 32W	1	60	60	\$19.24	2L F827B 25W - RELAMP	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
906	3	SCIB	WAITING AREA	2L F827B U6 32W	2L F827B U6 32W	2	60	120	\$136.66	2L F827B 25W - RELAMP	\$	20.0	2	43	\$97.94	8760	34	\$	38.72
907	3	SCIB	BATH ROOM	1L 60W A	1L 60W A	2	60	120	\$0.00	1L 10W CFL	\$	20.0	2	10	\$0.00	0	100	\$	44.676
908	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$0.00	0	0	\$	0
909	3	SCIB	TECH ROOM	2L F827B U6 32W	2L F827B U6 32W	1	60	60	\$31.20	2L F827B 25W - RELAMP	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
910	3	SCIB	PATIENT ROOMS	2L F827B U6 32W	2L F827B U6 32W	3	60	180	\$60.60	2L F827B 25W - RELAMP	\$	20.0	3	129	\$67.08	4000	51	\$	26.52
911	3	SCIB	MANAGERS OFFICE	2L F827B U6 32W	2L F827B U6 32W	2	60	120	\$62.40	2L F827B 25W - RELAMP	\$	20.0	2	43	\$44.72	4000	34	\$	17.68
912	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$0.00	0	0	\$	0
913	3	SCIB	LOCKERS	2L F827B U6 32W	2L F827B U6 32W	1	37	37	\$19.24	NO MEASURE	\$	20.0	1	37	\$10.24	4000	0	\$	13.42
914	3	SCIB	HALL	2L F827B U6 32W	2L F827B U6 32W	7	60	420	\$478.30	2L F827B U6 25W - RELAMP	\$	20.0	1	43	\$342.78	8760	119	\$	166.366
915	3	SCIB	OFFICE DIANE	2L F827B U6 32W	2L F827B U6 32W	1	60	60	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
916	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	4	88	352	\$183.04	3L F827B 25W - RELAMP	\$	20.0	1	43	\$137.28	4000	88	\$	6.71
917	3	SCIB	OCCUPATION THERAPY	2L F827B U6 32W	2L F827B U6 32W	1	60	60	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$0.00	0	0	\$	0
918	3	SCIB	SENSOR SAVINGS	2L F827B U6 32W	2L F827B U6 32W	1	60	0	\$66.33	2L F827B U6 25W - RELAMP	\$	20.0	1	43	\$0.00	0	0	\$	41.18
919	3	SCIB	HALL	2L F827B U6 32W	2L F827B U6 32W	1	60	60	\$66.33	2L F827B U6 25W - RELAMP	\$	20.0	1	43	\$46.97	8760	17	\$	19.36
920	3	SCIB	WAITING AREA	3L F827B 32W	3L F827B 32W	6	88	528	\$100.21	3L F827B 25W - RELAMP	\$	20.0	1	66	\$75.16	8760	22	\$	28.908
921	3	SCIB	OFFICE	2L F827B 32W	2L F827B 32W	4	88	352	\$601.20	3L F827B 25W - RELAMP	\$	20.0	1	66	\$450.66	8760	132	\$	173.448
922	3	SCIB	PATIENT SHOWER	2L F827B 32W	2L F827B 32W	1	60	60	\$183.04	2L F827B 25W - RELAMP	\$	20.0	1	43	\$137.28	4000	88	\$	46.76
923	3	SCIB	SENSOR SAVINGS	2L F827B 32W	2L F827B 32W	1	60	0	\$131.20	2L F827B 25W - RELAMP	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
924	3	SCIB	LAUNDRY ROOM	3L F827B 32W	3L F827B 32W	1	88	68	\$46.76	3L F827B 25W - RELAMP	\$	20.0	1	66	\$0.00	0	0	\$	6.71
925	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	1	88	68	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$34.32	4000	22	\$	11.44
926	3	SCIB	TREATMENT ROOM	3L F827B 32W	3L F827B 32W	2	88	176	\$91.63	3L F827B 25W - RELAMP	\$	20.0	2	66	\$68.64	4000	44	\$	20.60
927	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	1	88	68	\$46.76	3L F827B 25W - RELAMP	\$	20.0	1	66	\$34.32	4000	22	\$	11.44
928	3	SCIB	OFFICE	3L F827B 32W	3L F827B 32W	1	88	68	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$0.00	0	0	\$	20.60
929	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	1	88	68	\$46.76	3L F827B 25W - RELAMP	\$	20.0	1	66	\$34.32	4000	22	\$	11.44
930	3	SCIB	OFFICE	3L F827B 32W	3L F827B 32W	1	88	68	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$0.00	0	0	\$	20.60
931	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	1	88	68	\$46.76	3L F827B 25W - RELAMP	\$	20.0	1	66	\$34.32	4000	22	\$	11.44
932	3	SCIB	OFFICE	3L F827B 32W	3L F827B 32W	1	88	68	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$0.00	0	0	\$	20.60
933	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	1	88	68	\$46.76	3L F827B 25W - RELAMP	\$	20.0	1	66	\$34.32	4000	22	\$	11.44
934	3	SCIB	ART	3L F827B 32W	3L F827B 32W	4	88	352	\$183.04	3L F827B 25W - RELAMP	\$	20.0	1	43	\$137.28	4000	88	\$	46.76
935	3	SCIB	QUET ROOM	3L F827B 32W	3L F827B 32W	2	88	176	\$91.63	3L F827B 25W - RELAMP	\$	20.0	2	66	\$68.64	4000	44	\$	20.60
936	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	1	88	68	\$46.76	3L F827B 25W - RELAMP	\$	20.0	1	66	\$34.32	4000	22	\$	11.44
937	3	SCIB	STAFF	3L F827B 32W	3L F827B 32W	1	88	68	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	66	\$0.00	0	0	\$	20.60
938	3	SCIB	SENSOR SAVINGS	3L F827B 32W	3L F827B 32W	1	88	68	\$46.76	3L F827B 25W - RELAMP	\$	20.0	1	66	\$34.32	4000	22	\$	11.44
939	3	SCIB	DINING ROOM	2L F827B 32W	2L F827B 32W	10	60	600	\$91.63	3L F827B 25W - RELAMP	\$	20.0	1	66	\$68.64	4000	44	\$	20.60
940	3	SCIB	SENSOR SAVINGS	2L F827B 32W	2L F827B 32W	1	60	22	\$12.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$22.36	4000	17	\$	8.84
941	3	SCIB	LOUNGE	2L F827B 32W	2L F827B 32W	2	60	120	\$62.40	2L F827B 25W - RELAMP	\$	20.0	2	43	\$44.72	4000	34	\$	17.68
942	3	SCIB	SENSOR SAVINGS	2L F827B 32W	2L F827B 32W	1	60	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	\$	20.0	1	43	\$0.00	0	0	\$	13.42
943	3	SCIB	PATIENT ROOM	2L F827B 32W	2L F827B 32W	1	37	37	\$19.24	NO MEASURE	\$	20.0	1	37	\$10.24	4000	0	\$	0
944	3	SCIB	PATIENT ROOM	2L F827B 32W	2L F827B 32W	4	28	112	\$19.24	NO MEASURE	\$	20.0	1	37	\$10.24	4000	0	\$	0
945	3	SCIB	PATIENT ROOM	2L F827B 32W	2L F827B 32W	1	37	37	\$19.24	NO MEASURE	\$	20.0	1	37	\$10.24	4000	0	\$	0
946	3	SCIB	PATIENT ROOM	2L F827B 32W	2L F827B 32W	4	28	112	\$19.24	NO MEASURE	\$	20.0	1	37	\$10.24	4000	0	\$	0
947	3	SCIB	PATIENT ROOM	2L F827B 32W	2L F827B 32W	1	37	37	\$19.24	NO MEASURE	\$	20.0	1	37	\$10.24	4000	0	\$	0
948	3	SCIB	PATIENT ROOM	2L F827B 32W	2L F827B 32W	4	28	112</											

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UN #	Room #	Section/ Building	Room Description	Existing Feature Description	Exch. Qty.	Est. Qty.	Foot. Sq. Ft.	Total Sq. Ft.	Est. Cost	Replacement Description	No. Replaces	No. Replaces	Repl. Qty.	Repl. Sq. Ft.	Total Sq. Ft.	Repl. Cost	Project Cost	Cov. Area	Fav. Vol.	Annual Pave. Savings	Annual Pave. Savings
1083	2	1083	OFFICE 4	2L F177B 1TW	1	37	74	74	\$38.46	NO MEASURE	\$	\$	2	37	74	\$38.46	\$	0	\$	\$	
1084	2	1084	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1085	2	1085	OFFICE 4	2L F327B U6 32W	1	60	60	60	\$31.20	2L F327B U6 25W - RELAMP	\$	\$	-	1	43	43	\$22.36	4000	17	\$	\$
1086	2	1086	ADMINISTRATION STORAGE	2L F327B 32W	1	60	60	60	\$31.20	2L F327B U6 25W - RELAMP	\$	\$	-	1	43	43	\$22.36	4000	17	\$	\$
1087	2	1087	SENSOR SAVINGS	CEILING SENSOR	1	60	60	60	\$748.80	2L F327B 25W - RELAMP	35	\$	35.00	1	43	43	\$22.36	4000	0	\$	\$
1088	2	1088	MEDICAL RECORDS OPEN	2L F327B 32W	24	60	1440	1440	\$748.80	2L F327B 25W - RELAMP	35	\$	35.00	1	43	43	\$22.36	4000	408	\$	\$
1089	2	1089	SENSOR SAVINGS	CEILING SENSOR	1	60	60	60	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1	43	43	\$22.36	4000	0	\$	\$
1090	2	1090	OFFICE	2L F327B 32W	6	60	360	360	\$187.20	2L F327B 25W - RELAMP	\$	\$	-	6	43	258	\$184.16	4000	102	\$	\$
1091	2	1091	SENSOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1	43	43	\$22.36	4000	0	\$	\$
1092	2	1092	FILES	2L F327B U6 32W	30	60	1800	1800	\$936.00	2L F327B U6 25W - RELAMP	\$	\$	-	30	43	1260	\$970.80	4000	510	\$	\$
1093	2	1093	SENSOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1	43	43	\$22.36	4000	0	\$	\$
1094	2	1094	OFFICE - MURGETT	2L F327B 32W	2	60	120	120	\$62.40	2L F327B 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1095	2	1095	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1096	2	1096	ELECTRICAL CLOSET	1L 60W A	1	60	60	60	\$0.00	1L 10W CFL	\$	\$	-	1	10	10	\$0.00	0	50	\$	\$
1097	2	1097	WALL MOUNT SENSOR	WALL MOUNT SENSOR	1	60	60	60	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	17	\$	\$
1098	2	1098	COAT CLOSET	2L F327B 32W	1	60	60	60	\$31.20	2L F327B 25W - RELAMP	\$	\$	-	1	43	43	\$22.36	4000	0	\$	\$
1099	2	1099	SENSOR SAVINGS	WALL MOUNT SENSOR	1	60	60	60	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1100	2	1100	CLOSET 1	1L 60W A	1	60	60	60	\$0.00	1L 10W CFL	\$	\$	-	1	10	10	\$0.00	0	50	\$	\$
1101	2	1101	CLOSET 2	1L 60W A	1	60	60	60	\$0.00	1L 10W CFL	\$	\$	-	1	10	10	\$0.00	0	50	\$	\$
1102	2	1102	CLOSET 3	1L 60W A	1	60	60	60	\$0.00	1L 10W CFL	\$	\$	-	1	10	10	\$0.00	0	50	\$	\$
1103	2	1103	HALL	1L F327B 32W	1	30	30	30	\$34.16	1L F327B 25W - RELAMP	\$	\$	-	1	22	22	\$26.05	8760	8	\$	\$
1104	2	1104	COMPUTER ROOM	4L F327B 32W	5	112	560	560	\$201.20	4L F327B 25W - RELAMP	\$	\$	-	5	86	430	\$223.60	4000	130	\$	\$
1105	2	1105	SENSOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1	43	43	\$22.36	4000	0	\$	\$
1106	2	1106	SWITCHBOARD OPEN	2L F327B 32W	7	60	420	420	\$216.40	2L F327B 25W - RELAMP	\$	\$	-	7	43	301	\$166.52	4000	119	\$	\$
1107	2	1107	SWITCHBOARD OPEN	2L F327B 32W	1	60	30	30	\$16.60	1L F327B 25W - RELAMP	\$	\$	-	1	43	43	\$22.36	4000	17	\$	\$
1108	2	1108	OFFICE - ANNE	2L F327B 32W	1	60	60	60	\$31.20	2L F327B 25W - RELAMP	\$	\$	-	1	43	43	\$22.36	4000	0	\$	\$
1109	2	1109	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1110	2	1110	ELECTRICAL CLOSET	1L 20W CFL	1	20	20	20	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1111	2	1111	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1112	2	1112	CHILD BIRTH EDUCATION	2L F327B U6 32W	2	60	120	120	\$62.40	2L F327B U6 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1113	2	1113	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1114	2	1114	COMMUNIST RELATIONS	2L F327B U6 32W	2	60	120	120	\$62.40	2L F327B U6 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1115	2	1115	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1116	2	1116	OFFICE - DUFFY	2L F177B 1TW	4	37	148	148	\$76.96	NO MEASURE	\$	\$	-	4	37	148	\$76.96	4000	0	\$	\$
1117	2	1117	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1118	2	1118	ELECTRICAL CLOSET	1L 60W A	1	60	60	60	\$0.00	1L 10W CFL	\$	\$	-	1	10	10	\$0.00	0	50	\$	\$
1119	2	1119	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1120	2	1120	OFFICE - NATER	2L F177B 1TW	4	37	148	148	\$76.96	NO MEASURE	\$	\$	-	4	37	148	\$76.96	4000	0	\$	\$
1121	2	1121	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1122	2	1122	OFFICE	2L F177B 1TW	4	37	148	148	\$76.96	NO MEASURE	\$	\$	-	4	37	148	\$76.96	4000	0	\$	\$
1123	2	1123	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1124	2	1124	OFFICE - LAURA	2L F327B 32W	2	60	120	120	\$62.40	2L F327B 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1125	2	1125	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1126	2	1126	OFFICE - HADDAD	2L F327B 32W	2	60	120	120	\$62.40	2L F327B 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1127	2	1127	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1128	2	1128	OFFICE	2L F177B 1TW	2	37	74	74	\$38.46	NO MEASURE	\$	\$	-	2	37	74	\$38.46	4000	0	\$	\$
1129	2	1129	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1130	2	1130	OFFICE	2L F327B 32W	2	60	120	120	\$62.40	2L F327B 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1131	2	1131	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1132	2	1132	OFFICE	2L F177B 1TW	2	37	74	74	\$38.46	NO MEASURE	\$	\$	-	2	37	74	\$38.46	4000	0	\$	\$
1133	2	1133	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1134	2	1134	FILES	2L F327B 32W	2	60	120	120	\$62.40	2L F327B 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1135	2	1135	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1136	2	1136	MED STAFF CREDENTIALS	2L F177B 1TW	2	37	74	74	\$38.46	NO MEASURE	\$	\$	-	2	37	74	\$38.46	4000	0	\$	\$
1137	2	1137	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1138	2	1138	MED STAFF FILES	4L F327B 32W	4	112	448	448	\$332.96	4L F327B 25W - RELAMP	\$	\$	-	4	86	344	\$176.88	4000	104	\$	\$
1139	2	1139	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1140	2	1140	EDUCATIONAL ROOM	2L F327B 32W	15	60	900	900	\$468.00	2L F327B 25W - RELAMP	\$	\$	-	15	43	645	\$335.40	4000	255	\$	\$
1141	2	1141	SENSOR SAVINGS	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1	43	43	\$22.36	4000	0	\$	\$
1142	2	1142	ONE DIRECTOR	2L F327B 32W	2	60	120	120	\$62.40	2L F327B 25W - RELAMP	\$	\$	-	2	43	86	\$44.72	4000	34	\$	\$
1143	2	1143	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1144	2	1144	DOCTORS LOUNGE	2L F177B 1TW	11	37	407	407	\$211.64	NO MEASURE	\$	\$	-	11	37	407	\$211.64	4000	0	\$	\$
1145	2	1145	CEILING SENSOR	CEILING SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1	43	43	\$22.36	4000	0	\$	\$
1146	2	1146	KITCHEN	2L F177B 1TW	4	37	148	148	\$76.96	NO MEASURE	\$	\$	-	4	37	148	\$76.96	4000	0	\$	\$
1147	2	1147	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1148	2	1148	BATH ROOM	2L F327B U6 32W	1	60	60	60	\$31.20	2L F327B U6 25W - RELAMP	\$	\$	-	1	43	43	\$22.36	4000	17	\$	\$
1149	2	1149	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1	43	43	\$22.36	4000	0	\$	\$
1150	2	1150	HALL	2L F327B U6 32W	4	60	240	240	\$123.31	2L F327B U6 25W - RELAMP	\$	\$	-	4	43	172	\$165.87	8760	68	\$	\$
1151	2	1151	MECHANICAL	2L F327B 32W	14	30	420	420	\$90.00	1L F327B 25W - RELAMP	\$	\$	-	14	22	308	\$40.00	0	112	\$	\$
1152	2	1152	MECHANICAL	2L F327B 32W	2	60	120	120	\$62.40	2L F327B 25W - RELAMP	\$	\$	-	2	43	86	\$44.72</				

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LN #	Room #	Section Building	Room Description	Existing Failure Description	Failure Count	From Fail. Ex. Min.	To Fail. Ex. Max.	Estimate Cost	Replacement Material	NO Repair	NO Repair Cost	NO Repair Qty	Part Material	Total Material	Project Cost	Qty Parts	Ex. Wt. Savings	U.S. \$/Sq. Ft.	Annual Elec. Savings	Annual Sens. Savings	
1335	1		SENSOR SAVINGS	WALL MOUNT SENSOR	1	1	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		44.4	\$	38.48	
1336	1		WOMENS ROOMS	2L FB34T12 U6 34W	2	80	160	\$0.00	2L F32T8 U6 25W - RELAMP/REBALLAST	10	\$	20.00	2	43	86	\$44.72	4000	0		\$	13.42
1337	1		SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	
1338	1		MAIL ROOM	2L F17T8 17W	2	37	74		NO MEASURE	\$	-	2	37	74	\$38.48	4000	0	0		\$	
1339	1	MATERIAL FETAL	RECEPTIONIST	2L FB32T8 U6 32W	4	60	240	\$273.31	2L F32T8 U6 25W - RELAMP	\$	-	4	37	172	\$195.67	8700	68	89.352		\$	77.44
1340	1	MATERIAL FETAL	COVE	2L F32T8 32W	4	60	240	\$124.60	2L F32T8 25W - RELAMP	\$	-	4	43	172	\$89.44	4000	68	48.8		\$	35.36
1341	1	MATERIAL FETAL	OFFICE	3L F32T8 U6 31W	4	68	356	\$185.12	NO MEASURE	\$	-	4	89	356	\$185.12	4000	0	0		\$	
1342	1	MATERIAL FETAL	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	55.54
1343	1	MATERIAL FETAL	NON STRESS	4L F17T8	2	72	144	\$74.88	NO MEASURE	\$	-	2	72	144	\$74.88	4000	0	0		\$	
1344	1	MATERIAL FETAL	IT CLOSET	2L FB32T8 U6 32W	1	60	60	\$31.20	2L F32T8 U6 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1345	1	MATERIAL FETAL	SENSOR SAVINGS	WALL MOUNT SENSOR	1	68	68	\$45.76	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	6.71
1346	1	MATERIAL FETAL	ULTRASOUND 1	3L F32T8 32W	1	68	68	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2		\$	11.44
1347	1	MATERIAL FETAL	SENSOR SAVINGS	WALL MOUNT SENSOR	1	68	68	\$45.76	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	
1348	1	MATERIAL FETAL	ULTRASOUND 2	3L F32T8 32W	1	68	68	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2		\$	11.44
1349	1	MATERIAL FETAL	SENSOR SAVINGS	WALL MOUNT SENSOR	1	68	68	\$45.76	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	
1350	1	MATERIAL FETAL	ULTRASOUND 3	3L F32T8 32W	1	68	68	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2		\$	11.44
1351	1	MATERIAL FETAL	SENSOR SAVINGS	WALL MOUNT SENSOR	1	68	68	\$45.76	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	
1352	1	MATERIAL FETAL	ULTRASOUND 4	3L F32T8 32W	1	68	68	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2		\$	11.44
1353	1	MATERIAL FETAL	SENSOR SAVINGS	WALL MOUNT SENSOR	1	60	60	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	10.30
1354	1	MATERIAL FETAL	BATH ROOM	2L FB32T8 U6 32W	9	60	540	\$11.9W CFL		\$	-	9	10	90	\$22.36	4000	17	10.2		\$	8.84
1355	1	MATERIAL FETAL	WALL MOUNT SENSOR	1L 60W CFL	1	60	60	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	
1356	1	MATERIAL FETAL	SOILED UTILITY	2L FB32T8 U6 32W	1	60	60	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	
1357	1	MATERIAL FETAL	SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	6.71
1358	1	MATERIAL FETAL	FAST TRACK HALL	3L F32T8 32W	1	68	68	\$103.21	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$75.16	8700	22	28.008		\$	25.05
1359	1	MATERIAL FETAL	FAST TRACK HALL	3L F32T8 32W	1	68	68	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2		\$	11.44
1360	1	MATERIAL FETAL	X-RAY	1L 65W R30	3	65	195	\$101.40	1L 14W R30 CFL	\$	-	3	14	42	\$31.84	4000	153	91.8		\$	76.56
1361	1	MATERIAL FETAL	SENSOR SAVINGS	3L F32T8 32W	1	68	68	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2		\$	
1362	1		SENSOR SAVINGS	CEILING SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1		\$0.00	0		0		\$	10.30
1363	1		OFFICE	2L F17T8 17W	4	37	148	\$76.96	NO MEASURE	\$	-	4	37	148	\$76.96	4000	0	0		\$	
1371	1		SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	23.09
1372	1		EXAM	3L F32T8 32W	1	68	68	\$45.76	3L F32T8 25W - RELAMP	\$	-	1	66	66	\$34.32	4000	22	13.2		\$	11.44
1373	1		SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	10.30
1374	1		EXAM	2L F17T8 17W	3	37	111	\$57.72	NO MEASURE	\$	-	3	37	111	\$57.72	4000	0	0		\$	
1376	1		SENSOR SAVINGS	3L F32T8 32W	1	60	60	\$31.20	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	17.32
1377	1		SUPPLY CABINET	2L F32T8 32W	1	60	60	\$11.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1378	1		CLEAN UTILITY	2L F32T8 32W	14	37	518	\$209.36	NO MEASURE	\$	-	14	37	518	\$209.36	4000	0	0		\$	
1379	1		CLEAN UTILITY	2L F32T8 32W	1	60	60	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	8.84
1380	1		SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	6.71
1381	1		SOILED UTILITY	2L F32T8 32W	1	60	60	\$31.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	
1382	1		SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	6.71
1383	1		OFFICE	2L F32T8 32W	1	60	60	\$17.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1384	1		SENSOR SAVINGS	WALL MOUNT SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	6.71
1385	1		CASST ROOM	2L F32T8 32W	1	60	60	\$17.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1386	1		SENSOR SAVINGS	CEILING SENSOR	1	0	0	\$0.00	OCCUPANCY SENSOR - WALL MOUNT	20	\$	20.00	1		\$0.00	0		0		\$	6.71
1387	1		OPEN AREA	2L F32T8 32W	4	60	240	\$124.60	2L F32T8 25W - RELAMP	\$	-	4	43	172	\$89.44	4000	68	48.8		\$	35.36
1388	1		OPEN AREA	2L F32T8 32W	1	60	60	\$269.60	OCCUPANCY SENSOR - CEILING MOUNT	35	\$	35.00	1		\$0.00	0		0		\$	26.83
1389	1		OPEN AREA	2L F17T8 17W	20	37	740	\$84.60	NO MEASURE	\$	-	20	37	740	\$84.60	4000	0	0		\$	
1390	1		OPEN AREA	2L F34T12 34W	2	80	160	\$58.24	4L F32T8 25W - RELAMP	\$	-	2	86	86	\$44.72	4000	26	15.6		\$	13.52
1391	1		BATH ROOM	2L F34T12 34W	1	112	112	\$63.20	2L F32T8 25W - RELAMP	\$	-	1	86	86	\$44.72	4000	74	44.4		\$	38.48
1392	1		BREAK ROOM	2L F32T8 32W	2	60	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	74	44.4		\$	38.48
1393	1		SINK	2L F32T8 32W	1	60	60	\$31.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	34	20.4		\$	17.68
1394	1		PATIENT SHOWER	2L F32T8 32W	1	60	60	\$31.20	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1395	1		SMALL ROOM	2L F17T8 17W	1	37	37	\$19.24	NO MEASURE	\$	-	1	37	37	\$22.36	4000	17	10.2		\$	8.84
1396	1		TRAGE	2L F17T8 17W	4	37	148	\$76.96	NO MEASURE	\$	-	4	37	148	\$76.96	4000	0	0		\$	
1397	1		EXAMINATION ROOM 1	4L F32T8 32W	2	112	224	\$116.48	4L F32T8 25W - RELAMP	\$	-	2	86	172	\$89.44	4000	52	31.2		\$	27.04
1398	1		EXAMINATION ROOM 2	2L F17T8 17W	5	37	185	\$66.20	NO MEASURE	\$	-	5	37	185	\$66.20	4000	0	0		\$	
1399	1		EXAMINATION ROOM 2	2L FB32T8 U6 32W	1	60	60	\$31.20	2L F32T8 U6 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1400	1		QLD REGISTRATION	2L F17T8 17W	1	37	37	\$19.24	NO MEASURE	\$	-	1	37	37	\$19.24	4000	0	0		\$	
1401	1		ENTRANCE	2L F17T8 17W	13	37	481	\$647.76	NO MEASURE	\$	-	13	37	481	\$647.76	8700	0	0		\$	
1402	1		SECURITY	2L F17T8 17W	3	37	111	\$57.72	NO MEASURE	\$	-	3	37	111	\$57.72	4000	0	0		\$	
1403	1		DIETARY OFFICE 1	2L F17T8 17W	4	37	148	\$76.96	NO MEASURE	\$	-	4	37	148	\$76.96	4000	0	0		\$	
1404	1		DIETARY OFFICE 2	2L F17T8 17W	2	37	74	\$38.48	NO MEASURE	\$	-	2	37	74	\$38.48	4000	0	0		\$	
1405	1		OFFICE - NEIL	2L F17T8 17W	4	37	148	\$76.96	NO MEASURE	\$	-	4	37	148	\$76.96	4000	0	0		\$	
1406	1		WALL RECEIVING DOCK	2L F32T8 32W	6	60	360	\$409.67	2L F32T8 25W - RELAMP	\$	-	6	43	258	\$263.81	8700	102	144.028		\$	116.16
1407	1	KITCHEN	KITCHEN STORAGE	2L F32T8 32W	1	60	60	\$19.24	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1408	1	KITCHEN	KITCHEN BATH ROOM	2L F17T8 17W	1	37	37	\$19.24	NO MEASURE	\$	-	1	37	37	\$19.24	4000	17	10.2		\$	
1409	1	KITCHEN	KITCHEN BATH ROOM	2L F32T8 32W	1	60	60	\$405.60	2L F32T8 25W - RELAMP	\$	-	1	43	43	\$22.36	4000	17	10.2		\$	8.84
1410	1	KITCHEN	OPEN AREA	2L F32T8 32W	13	60	28	\$62.40	2L F32T8 25W - RELAMP	\$	-	13	43	559	\$309.68	4000	221	132.6		\$	114.92
1411	1	KITCHEN	OPEN AREA	2L F32T8 32W	46	30	1380	\$20.00	1L F32T8 25W - RELAMP	\$	-	46	22	1012	\$0.00	0	368	20.4		\$	17.68
1412	1	KITCHEN	COMPUTER ROOM	2L F32T8 32W	2	60	120	\$62.40	2L F32T8 25W - RELAMP	\$	-	2	43	86	\$44.72	4000	34	20.4		\$	14.14
1413	1	KITCHEN	STORAGE	2L F32T8 32W	16	60	960	\$469.20	2L F32T8 25W - RELAMP	\$	-	16	43	688	\$357.76	4000	272	163.2		\$	

[illegible]

Name:	HOBOKEN UNIVERSITY MEDICAL CENTER - HOSPITAL
Address:	308 WILLOW AVENUE
City, St.	HOBOKEN NEW JERSEY
Contact:	GEORGE DOUMAIR - DIRECTOR OF ENGINEERING
Phone:	201-418-1174

[illegible]

LN #	FL #	Replacement Fixture Description	Qty	Qty/dm	Index / Based	Outlets, gpl, fpl	Lamp, Sessid	Cost Est	Baseball Diamonds	Baseball Field	Lamp Cost Total	Baseball Field	Lamp Cost Total	Baseball Field	Lamp Cost Total
75	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
76	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
77	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
78	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
79	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
80	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
81	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
82	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
83	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
84	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
85	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
86	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
87	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
88	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
89	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
90	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
91	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
92	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
93	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
94	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
95	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
96	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
97	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
98	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
99	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
100	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
101	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
102	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
103	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
104	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
105	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
106	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
107	7	2L F32T8 25W - RELAP	2	2		\$ -	4	\$ 3.00			\$ 12.00		\$ 12.00		\$ 12.00
108	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
109	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
110	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
111	7	3L F32T8 25W - RELAP	1	1		\$ -	3	\$ 3.00			\$ 9.00		\$ 9.00		\$ 9.00
112	7	2L F32T8 25W - RELAP	1	1		\$ -	2	\$ 3.00			\$ 6.00		\$ 6.00		\$ 6.00
113	7	3L F32T8 25W - RELAP	3	3		\$ -	9	\$ 3.00			\$ 27.00		\$ 27.00		\$ 27.00
114	7	NO MEASURE	4	4		\$ -	4	\$ -			\$ -		\$ -		\$ -
115	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
116	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
117	7	2L F32T8 25W - RELAP	1	1		\$ -	2	\$ 3.00			\$ 6.00		\$ 6.00		\$ 6.00
118	7	2L F32T8 25W - RELAP	1	1		\$ -	2	\$ 3.00			\$ 6.00		\$ 6.00		\$ 6.00
119	7	2L F32T8 25W - RELAP	2	2		\$ -	4	\$ 3.00			\$ 12.00		\$ 12.00		\$ 12.00
120	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
121	7	2L F32T8 25W - RELAP	2	2		\$ -	4	\$ 3.00			\$ 12.00		\$ 12.00		\$ 12.00
122	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
123	7	2L F32T8 25W - RELAP	2	2		\$ -	4	\$ 3.00			\$ 12.00		\$ 12.00		\$ 12.00
124	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
125	7	2L F32T8 25W - RELAP	1	1		\$ -	2	\$ 3.00			\$ 6.00		\$ 6.00		\$ 6.00
126	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
127	7	2L F32T8 U8 25W - RELAP	1	1		\$ -	2	\$ 3.00			\$ 6.00		\$ 6.00		\$ 6.00
128	7	OCCUPANCY SENSOR - WALL MOUNT	1	1		\$ -	1	\$ 55.00			\$ 55.00		\$ 55.00		\$ 55.00
129	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
130	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
131	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
132	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
133	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
134	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
135	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
136	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
137	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
138	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
139	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
140	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
141	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
142	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
143	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
144	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
145	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
146	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
147	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
148	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
149	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
150	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
151	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
152	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
153	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
154	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
155	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -
156	7	4L F32T8 25W - RELAP	2	2		\$ -	8	\$ 3.00			\$ 24.00		\$ 24.00		\$ 24.00
157	7	NO MEASURE	3	3		\$ -	3	\$ -			\$ -		\$ -		\$ -
158	7	NO MEASURE	1	1		\$ -	1	\$ -			\$ -		\$ -		\$ -

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SN	FL #	Equipment / Fixture Description	Pkg Qty	Unit Mnt	Fabric	Ballast	Cable, inches	Load Wattage	OS Power Pack	Estimated Life Span Years	Project Cost	Material Cost	Labor Cost
495	6	OCCUPANCY SENSOR - CEILING MOUNT	1	1			\$ -	-	0S CEILING	\$ 95.00	\$ -	\$ 35.00	\$ 160.00
496	5	2L F327B 25W - RELAMP	4	1			\$ -	-	8 F327B 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 31.20
497	5	NO MEASURE	2	2			\$ -	-		\$ -	\$ -	\$ -	\$ -
498	5	3L F327B 25W - RELAMP	1	1			\$ -	-	3 F327B 25W LAMP	\$ 3.00	\$ -	\$ -	\$ -
499	5	2L F327B U6 25W - RELAMP/REBALLAST	1	1	2L F327B ELNBF BALLAST		\$ 12.00	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 9.00	\$ 11.70
500	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 36.40
501	5	2L F327B U6 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 7.80
502	5	2L F327B U6 25W - RELAMP/REBALLAST	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 12.00	\$ 20.80
503	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 7.80
504	5	2L F327B U6 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 16.00	\$ 36.40
505	5	2L F327B U6 25W - RELAMP/REBALLAST	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 12.00	\$ 20.80
506	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 7.80
507	5	2L F327B U6 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 16.00	\$ 36.40
508	5	2L F327B U6 25W - RELAMP/REBALLAST	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 12.00	\$ 20.80
509	5	2L F327B 25W - RELAMP	1	1	2L F327B ELNBF BALLAST		\$ 12.00	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 7.80
510	5	2L F327B U6 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 36.40
511	5	2L F327B U6 25W - RELAMP/REBALLAST	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 7.80
512	5	2L F327B 25W - RELAMP	1	1	2L F327B ELNBF BALLAST		\$ 12.00	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 12.00	\$ 20.80
513	5	2L F327B U6 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 7.80
514	5	NO MEASURE	3	3			\$ -	-		\$ -	\$ -	\$ -	\$ -
515	5	2L F327B 25W - RELAMP	4	4			\$ -	-	8 F327B 25W LAMP	\$ 3.00	\$ -	\$ 24.00	\$ 31.20
516	5	2L F327B 25W - RELAMP	4	4			\$ -	-	8 F327B 25W LAMP	\$ 3.00	\$ -	\$ 24.00	\$ 31.20
517	5	2L F327B 25W - RELAMP	4	4			\$ -	-	8 F327B 25W LAMP	\$ 3.00	\$ -	\$ 24.00	\$ 31.20
518	5	2L F327B 25W - RELAMP	2	2			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
519	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
520	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
521	5	NO MEASURE	1	1			\$ -	-		\$ -	\$ -	\$ -	\$ -
522	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
523	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
524	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
525	5	1L 20W CFL	1	1			\$ -	-	20W CFL	\$ 10.00	\$ -	\$ 10.00	\$ 13.00
526	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
527	5	4L F327B 25W - RELAMP	1	1			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
528	5	2L F327B 25W -	2	2			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ -	\$ -
529	5	4L F327B 25W - RELAMP	1	1			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
530	5	2L F327B 25W - RELAMP	2	2			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
531	5	4L F327B 25W - RELAMP	1	1			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
532	5	2L F327B 25W - RELAMP	2	2			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
533	5	4L F327B 25W - RELAMP	1	1			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
534	5	2L F327B 25W - RELAMP	2	2			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
535	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
536	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
537	5	2L F327B U6 25W - RELAMP	1	1			\$ -	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ -
538	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
539	5	2L F327B 25W - RELAMP	10	10			\$ -	-	20 F327B 25W LAMP	\$ 3.00	\$ -	\$ 60.00	\$ 78.00
540	5	2L F327B 25W - RELAMP	5	5			\$ -	-	10 F327B 25W LAMP	\$ 3.00	\$ -	\$ 30.00	\$ 39.00
541	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
542	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
543	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
544	5	NO MEASURE	1	1			\$ -	-		\$ -	\$ -	\$ -	\$ -
545	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
546	5	NO MEASURE	1	1			\$ -	-		\$ -	\$ -	\$ -	\$ -
547	5	OCCUPANCY SENSOR - WALL MOUNT	1	1			\$ -	-	OS WALL	\$ 55.00	\$ -	\$ 55.00	\$ 71.50
548	5	2L F327B U6 25W - RELAMP/REBALLAST	1	1	2L F327B ELNBF BALLAST		\$ 12.00	-	2 F327B U6 25W LAMP	\$ 8.00	\$ -	\$ 16.00	\$ 36.40
549	5	3L F327B 25W - RELAMP	5	5			\$ -	-	15 F327B 25W LAMP	\$ 3.00	\$ -	\$ 45.00	\$ 58.50
550	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
551	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
552	5	2L F327B 25W - RELAMP	3	3			\$ -	-	6 F327B 25W LAMP	\$ 3.00	\$ -	\$ 18.00	\$ 23.40
553	5	2L F327B 25W - RELAMP	2	2			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
554	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
555	5	2L F327B 25W - RELAMP	3	3			\$ -	-	6 F327B 25W LAMP	\$ 3.00	\$ -	\$ 18.00	\$ 23.40
556	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
557	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
558	5	2L F327B 25W - RELAMP	3	3			\$ -	-	6 F327B 25W LAMP	\$ 3.00	\$ -	\$ 18.00	\$ 23.40
559	5	2L F327B 25W - RELAMP	2	2			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
560	5	2L F327B 25W - RELAMP	2	2			\$ -	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 12.00	\$ 15.60
561	5	2L F327B 25W - RELAMP	1	1			\$ -	-	2 F327B 25W LAMP	\$ 3.00	\$ -	\$ 6.00	\$ 7.80
562	5	NO MEASURE	1	1			\$ -	-		\$ -	\$ -	\$ -	\$ -
563	4	2L F327B 25W - RELAMP	25	25			\$ -	-	50 F327B 25W LAMP	\$ 3.00	\$ -	\$ 150.00	\$ 195.00
564	4	4L F327B 25W - RELAMP/REBALLAST	1	1	4L F327B ELNBF BALLAST		\$ 15.00	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 15.00	\$ 35.10
565	4	OCCUPANCY SENSOR - CEILING MOUNT	1	1			\$ -	-	OS CEILING	\$ 95.00	\$ -	\$ 95.00	\$ 160.00
566	4	1L 14W R90 CFL	2	2			\$ -	-	2 14W R90 CFL	\$ 10.00	\$ -	\$ 20.00	\$ 26.00
567	4	4L F327B 25W - RELAMP/REBALLAST	1	1	4L F327B ELNBF BALLAST		\$ 15.00	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 15.00	\$ 35.10
568	4	1L 14W R90 CFL	2	2			\$ -	-	2 14W R90 CFL	\$ 10.00	\$ -	\$ 20.00	\$ 26.00
569	4	4L F327B 25W - RELAMP/REBALLAST	1	1	4L F327B ELNBF BALLAST		\$ 15.00	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 15.00	\$ 35.10
570	4	1L 14W R90 CFL	2	2			\$ -	-	2 14W R90 CFL	\$ 10.00	\$ -	\$ 20.00	\$ 26.00
571	4	4L F327B 25W - RELAMP/REBALLAST	1	1	4L F327B ELNBF BALLAST		\$ 15.00	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 15.00	\$ 35.10
572	4	1L 14W R90 CFL	2	2			\$ -	-	2 14W R90 CFL	\$ 10.00	\$ -	\$ 20.00	\$ 26.00
573	4	4L F327B 25W - RELAMP/REBALLAST	1	1	4L F327B ELNBF BALLAST		\$ 15.00	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 15.00	\$ 35.10
574	4	1L 14W R90 CFL	2	2			\$ -	-	2 14W R90 CFL	\$ 10.00	\$ -	\$ 20.00	\$ 26.00
575	4	4L F327B 25W - RELAMP/REBALLAST	1	1	4L F327B ELNBF BALLAST		\$ 15.00	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 15.00	\$ 35.10
576	4	1L 14W R90 CFL	2	2			\$ -	-	2 14W R90 CFL	\$ 10.00	\$ -	\$ 20.00	\$ 26.00
577	4	4L F327B 25W - RELAMP/REBALLAST	1	1	4L F327B ELNBF BALLAST		\$ 15.00	-	4 F327B 25W LAMP	\$ 3.00	\$ -	\$ 15.00	\$ 35.10
578	4	1L 14W R90 CFL	2	2			\$ -	-	2 14W R90 CFL	\$ 10.00	\$ -	\$ 20.00	\$ 26.00

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Ln #	FL #	Replacement Fixture Description	Qty	Unit Price	Fixture / Ballast	Wattage per Lum.	Material Cost	Substrate Cost	Lamp Cost	Reflect Cost	Material Cost	Labor Cost
831	3	1L MW R20 CFL	4	4	\$ -	4	\$ 10.00	\$ -	\$ -	\$ 40.00	\$ -	\$ 40.00
832	3	2L F32T8 U6 25W - RELAMP	8	6	\$ -	10	\$ 10.00	\$ -	\$ -	\$ 128.00	\$ -	\$ 106.40
833	3	2L F32T8 U6 25W - RELAMP	2	2	\$ -	4	\$ 8.00	\$ -	\$ -	\$ 32.00	\$ -	\$ 24.00
834	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
835	3	2L F32T8 U6 25W - RELAMP	2	2	\$ -	4	\$ 8.00	\$ -	\$ -	\$ 32.00	\$ -	\$ 24.00
836	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
837	3	2L F32T8 U6 25W - RELAMP	4	4	\$ -	8	\$ 8.00	\$ -	\$ -	\$ 64.00	\$ -	\$ 48.00
838	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
839	3	2L F32T8 U6 25W - RELAMP	1	1	\$ -	2	\$ 8.00	\$ -	\$ -	\$ 16.00	\$ -	\$ 12.00
840	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
841	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
842	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
843	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
844	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
845	3	2L F32T8 25W - RELAMP/REBALLAST	1	1	\$ 15.00	4	\$ 3.00	\$ -	\$ 15.00	\$ -	\$ 35.10	\$ 30.00
846	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
847	3	2L F32T8 25W - RELAMP	2	2	\$ -	4	\$ 3.00	\$ -	\$ -	\$ 12.00	\$ -	\$ 24.00
848	3	2L F32T8 25W - RELAMP/REBALLAST	1	1	\$ 12.00	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 25.00
849	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
850	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
851	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
852	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
853	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
854	3	2L F32T8 U6 25W - RELAMP	11	11	\$ -	22	\$ 8.00	\$ -	\$ -	\$ 176.00	\$ 228.80	\$ 132.00
855	3	2L F32T8 25W - RELAMP	2	2	\$ -	4	\$ 3.00	\$ -	\$ -	\$ 12.00	\$ -	\$ 24.00
856	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
857	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
858	3	2L F32T8 25W - RELAMP	2	2	\$ -	4	\$ 3.00	\$ -	\$ -	\$ 12.00	\$ -	\$ 24.00
859	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
860	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
861	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
862	3	2L F32T8 25W - RELAMP	3	3	\$ -	6	\$ 3.00	\$ -	\$ -	\$ 18.00	\$ 23.40	\$ 12.00
863	3	2L F32T8 25W - RELAMP	2	2	\$ -	4	\$ 3.00	\$ -	\$ -	\$ 12.00	\$ -	\$ 24.00
864	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
865	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
866	3	2L F32T8 U6 25W - RELAMP	7	7	\$ -	14	\$ 8.00	\$ -	\$ -	\$ 112.00	\$ 145.60	\$ 84.00
867	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
868	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
869	3	3L F32T8 25W - RELAMP	4	4	\$ -	12	\$ 3.00	\$ -	\$ -	\$ 36.00	\$ -	\$ 48.00
870	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
871	3	2L F32T8 U6 25W - RELAMP	1	1	\$ -	2	\$ 8.00	\$ -	\$ -	\$ 16.00	\$ -	\$ 12.00
872	3	3L F32T8 25W - RELAMP	1	1	\$ -	3	\$ 3.00	\$ -	\$ -	\$ 9.00	\$ -	\$ 12.00
873	3	3L F32T8 25W - RELAMP	6	6	\$ -	18	\$ 3.00	\$ -	\$ -	\$ 54.00	\$ 70.20	\$ 72.00
874	3	3L F32T8 25W - RELAMP	4	4	\$ -	12	\$ 3.00	\$ -	\$ -	\$ 36.00	\$ 48.00	\$ 48.00
875	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
876	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
877	3	3L F32T8 25W - RELAMP	1	1	\$ -	3	\$ 3.00	\$ -	\$ -	\$ 9.00	\$ -	\$ 12.00
878	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
879	3	3L F32T8 25W - RELAMP	2	2	\$ -	6	\$ 3.00	\$ -	\$ -	\$ 18.00	\$ 23.40	\$ 24.00
880	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
881	3	3L F32T8 25W - RELAMP	1	1	\$ -	3	\$ 3.00	\$ -	\$ -	\$ 9.00	\$ -	\$ 12.00
882	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
883	3	3L F32T8 25W - RELAMP	1	1	\$ -	3	\$ 3.00	\$ -	\$ -	\$ 9.00	\$ -	\$ 12.00
884	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
885	3	3L F32T8 25W - RELAMP	4	4	\$ -	12	\$ 3.00	\$ -	\$ -	\$ 36.00	\$ 48.00	\$ 48.00
886	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
887	3	3L F32T8 25W - RELAMP	2	2	\$ -	6	\$ 3.00	\$ -	\$ -	\$ 18.00	\$ 23.40	\$ 24.00
888	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
889	3	3L F32T8 25W - RELAMP	1	1	\$ -	3	\$ 3.00	\$ -	\$ -	\$ 9.00	\$ -	\$ 12.00
890	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ -	\$ 71.50	\$ 35.00
891	3	3L F32T8 25W - RELAMP	2	2	\$ -	6	\$ 3.00	\$ -	\$ -	\$ 18.00	\$ 23.40	\$ 24.00
892	3	2L F32T8 25W - RELAMP	10	10	\$ -	20	\$ 3.00	\$ -	\$ -	\$ 60.00	\$ 78.00	\$ 120.00
893	3	OCCUPANCY SENSOR - CEILING MOUNT	1	1	\$ -	1	\$ 95.00	\$ 35.00	\$ -	\$ 65.00	\$ 35.00	\$ 55.00
894	3	2L F32T8 25W - RELAMP	2	2	\$ -	4	\$ 3.00	\$ -	\$ -	\$ 12.00	\$ 16.00	\$ 24.00
895	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ 71.50	\$ 35.00
896	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
897	3	NO MEASURE	4	4	\$ -	4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
898	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
899	3	NO MEASURE	4	4	\$ -	4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
900	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
901	3	NO MEASURE	4	4	\$ -	4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
902	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
903	3	NO MEASURE	4	4	\$ -	4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
904	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
905	3	NO MEASURE	4	4	\$ -	4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
906	3	NO MEASURE	1	1	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
907	3	NO MEASURE	4	4	\$ -	4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
908	3	2L F32T8 25W - RELAMP	5	5	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
909	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	10	\$ 3.00	\$ -	\$ -	\$ 30.00	\$ 39.00	\$ 60.00
910	3	2L F32T8 25W - RELAMP	1	1	\$ -	2	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ 71.50	\$ 35.00
911	3	4L F32T8 25W - RELAMP	2	2	\$ -	8	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 12.00
912	3	OCCUPANCY SENSOR - CEILING MOUNT	1	1	\$ -	-	\$ 95.00	\$ 35.00	\$ -	\$ 24.00	\$ 31.20	\$ 55.00
913	3	4L F32T8 25W - RELAMP	1	1	\$ -	-	\$ 95.00	\$ 35.00	\$ -	\$ 94.00	\$ 35.00	\$ 55.00
914	3	OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	-	\$ 55.00	\$ -	\$ -	\$ 12.00	\$ 15.60	\$ 25.00

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[illegible]

[illegible]

LN #	FL #	Requirement Fixture Description	Qty	Unit	Brand / Model	Cost / Fix	Cost / Sq Ft	Est. Sq Ft	Notes	Material	Cost / Mat	Reflected Cost / Sq Ft	Material Cost / Mat	Cost / Sq Ft	Material Cost / Mat	Cost / Sq Ft
1167	2	2L F32TB 25W - RELAMP/REBALLAST	1	1	2L F32TB ELNBF BALLAST	\$ 12.00	\$ -	\$ 3.00	0		\$ -	\$ 6.00	\$ -	\$ 23.40	\$ 25.00	\$ 26.00
1168	2	OCCUPANCY SENSOR - CEILING MOUNT	1	1	F32TB 25W LAMP	\$ 95.00	\$ -	\$ 3.00	0		\$ -	\$ 95.00	\$ -	\$ 109.00	\$ 55.00	\$ 55.00
1169	2	2L F32TB 25W - RELAMP	2	4	F32TB 25W LAMP	\$ -	\$ -	\$ -	0	0/5 POWER PACK	\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1170	1	NO MEASURE	2	4		\$ -	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1171	1	OCCUPANCY SENSOR - CEILING MOUNT	1	1	OS CEILING	\$ 95.00	\$ -	\$ 3.00	0	0/5 POWER PACK	\$ -	\$ 95.00	\$ 35.00	\$ 169.00	\$ 55.00	\$ 55.00
1172	1	NO MEASURE	2	2		\$ -	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1173	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1174	1	2L F32TB 25W - RELAMP	2	2	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1175	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1176	1	2L F32TB 25W - RELAMP	2	2	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1177	1	OCCUPANCY SENSOR - CEILING MOUNT	1	1	OS CEILING	\$ 95.00	\$ -	\$ 3.00	0	0/5 POWER PACK	\$ -	\$ 95.00	\$ 35.00	\$ 169.00	\$ 55.00	\$ 55.00
1178	1	2L F32TB 25W - RELAMP	2	2	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1179	1	OCCUPANCY SENSOR - CEILING MOUNT	1	1	OS CEILING	\$ 95.00	\$ -	\$ 3.00	0	0/5 POWER PACK	\$ -	\$ 95.00	\$ 35.00	\$ 169.00	\$ 55.00	\$ 55.00
1180	1	4L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1181	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1182	1	2L F32TB 25W - RELAMP/REBALLAST	1	1	2L F32TB ELNBF BALLAST	\$ 12.00	\$ -	\$ 3.00	0		\$ -	\$ 6.00	\$ -	\$ 23.40	\$ 25.00	\$ 25.00
1183	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1184	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1185	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1186	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1187	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1188	1	4L F32TB 25W - RELAMP	3	3	14L F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 36.00	\$ -	\$ 46.80	\$ 12.00	\$ 96.00
1189	1	OCCUPANCY SENSOR - CEILING MOUNT	1	1	OS CEILING	\$ 95.00	\$ -	\$ 3.00	1	0/5 POWER PACK	\$ -	\$ 95.00	\$ 35.00	\$ 169.00	\$ 55.00	\$ 55.00
1190	1	2L F32TB U6 25W - RELAMP	22	22	2L F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 32.00	\$ -	\$ 457.60	\$ 12.00	\$ 264.00
1191	1	4L F32TB 25W - RELAMP	2	2	F32TB U6 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 24.00	\$ -	\$ 31.20	\$ 12.00	\$ 24.00
1192	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1193	1	2L F32TB U6 25W - RELAMP	2	2	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 32.00	\$ -	\$ 41.60	\$ 12.00	\$ 24.00
1194	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1195	1	2L F32TB U6 25W - RELAMP	2	2	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 32.00	\$ -	\$ 41.60	\$ 12.00	\$ 24.00
1196	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1197	1	2L F32TB U6 25W - RELAMP	2	2	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 32.00	\$ -	\$ 41.60	\$ 12.00	\$ 24.00
1198	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1199	1	2L F32TB U6 25W - RELAMP	10	10	2L F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 80.00	\$ -	\$ 208.00	\$ 12.00	\$ 120.00
1200	1	OCCUPANCY SENSOR - CEILING MOUNT	1	1	OS CEILING	\$ 95.00	\$ -	\$ 3.00	0	0/5 POWER PACK	\$ -	\$ 95.00	\$ 35.00	\$ 169.00	\$ 55.00	\$ 55.00
1201	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1202	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1203	1	2L F32TB U6 25W - RELAMP	1	1	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 16.00	\$ -	\$ 20.50	\$ 12.00	\$ 12.00
1204	1	2L F32TB U6 25W - RELAMP	1	1	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 16.00	\$ -	\$ 20.50	\$ 12.00	\$ 12.00
1205	1	2L F32TB U6 25W - RELAMP	8	8	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 64.00	\$ -	\$ 83.20	\$ 12.00	\$ 48.00
1206	1	2L F32TB U6 25W - RELAMP	4	4	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 32.00	\$ -	\$ 41.60	\$ 12.00	\$ 24.00
1207	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1208	1	1L F32TB 25W - RELAMP	9	9	OS WALL	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 27.00	\$ -	\$ 35.30	\$ 12.00	\$ 108.00
1209	1	2L F32TB U6 25W - RELAMP	9	9	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 72.00	\$ -	\$ 92.40	\$ 12.00	\$ 72.00
1210	1	NO MEASURE	2	2		\$ -	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1211	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1212	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1213	1	2L F32TB 25W - RELAMP	4	4	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1214	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1215	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1216	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1217	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1218	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1219	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1220	1	1L 20W CFL	3	3	20W CFL	\$ -	\$ -	\$ 10.00	0		\$ -	\$ 30.00	\$ -	\$ 39.00	\$ 10.00	\$ 30.00
1221	1	2L F32TB 25W - RELAMP	2	2	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1222	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1223	1	NO MEASURE	2	2		\$ -	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1224	1	1L 16W R30 CFL DIMM	2	2	16W R30 CFL DIMM	\$ -	\$ -	\$ 15.00	0		\$ -	\$ 30.00	\$ -	\$ 39.00	\$ 10.00	\$ 20.00
1225	1	1L 20W CFL	1	1	20W CFL	\$ -	\$ -	\$ 10.00	0		\$ -	\$ 10.00	\$ -	\$ 13.00	\$ 10.00	\$ 10.00
1226	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1227	1	1L 20W CFL	1	1	20W CFL	\$ -	\$ -	\$ 10.00	0		\$ -	\$ 10.00	\$ -	\$ 13.00	\$ 10.00	\$ 10.00
1228	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1229	1	2L F32TB U6 25W - RELAMP	3	3	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 24.00	\$ -	\$ 31.20	\$ 12.00	\$ 36.00
1230	1	1L 16W R30 CFL DIMM	3	3	16W R30 CFL DIMM	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 24.00	\$ -	\$ 31.20	\$ 12.00	\$ 36.00
1231	1	2L F32TB U6 25W - RELAMP	1	1	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00	\$ 12.00
1232	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1233	1	2L F32TB U6 25W - RELAMP	1	1	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00	\$ 12.00
1234	1	2L F32TB U6 25W - RELAMP	1	1	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00	\$ 12.00
1235	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1236	1	2L F32TB 25W - RELAMP	3	3	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1237	1	2L F32TB 25W - RELAMP	1	1	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1238	1	OCCUPANCY SENSOR - CEILING MOUNT	1	1	OS CEILING	\$ 95.00	\$ -	\$ 3.00	1	0/5 POWER PACK	\$ -	\$ 95.00	\$ 35.00	\$ 169.00	\$ 55.00	\$ 55.00
1239	1	2L F32TB 25W - RELAMP	4	4	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1240	1	1L 16W R30 CFL DIMM	4	4	16W R30 CFL DIMM	\$ -	\$ -	\$ 15.00	0		\$ -	\$ 60.00	\$ -	\$ 78.00	\$ 12.00	\$ 48.00
1241	1	2L F32TB 25W - RELAMP	4	4	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1242	1	1L 16W R30 CFL DIMM	1	1	16W R30 CFL DIMM	\$ -	\$ -	\$ 15.00	0		\$ -	\$ 15.00	\$ -	\$ 19.50	\$ 10.00	\$ 10.00
1243	1	2L F32TB 25W - RELAMP	2	2	F32TB 25W LAMP	\$ -	\$ -	\$ 3.00	0		\$ -	\$ 12.00	\$ -	\$ 15.00	\$ 12.00	\$ 24.00
1244	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1245	1	2L F32TB U6 25W - RELAMP	1	1	F32TB U6 25W LAMP	\$ -	\$ -	\$ 8.00	0		\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00	\$ 12.00
1246	1	NO MEASURE	3	3		\$ -	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1247	1	OCCUPANCY SENSOR - WALL MOUNT	1	1	OS WALL	\$ 55.00	\$ -	\$ 3.00	0		\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00	\$ 35.00
1248	1	1L 15W CFL DIMMING	2	2	15W CFL DIMM	\$ -	\$ -	\$ 15.00	0		\$ -	\$ 30.00	\$ -	\$ 39.00	\$ 10.00	\$ 20.0

LN	#	Req.	Releasement Fraser Description	Qty	Friest / Balast	Coefici. Rd / Rnd	Equip. Brand	Cost Est. \$/ Unit	Low Voltage / Over-voltage	Grounding	Base/Fixation	Lamp Type & Pos.	REFLECTOR	Tallness Self Incl.	Labor Est. Cost
1251	1	1	1 NO MEASURE	1	1	\$ -	1	\$ -	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1252	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1253	1	2	1 NO MEASURE	2	2	\$ -	2	\$ -	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1254	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1255	1	1	2 F32TB U6 25W - RELAP	1	1	\$ -	2	OS WALL	\$ 8.00	\$ -	\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00
1256	1	5	1 2L F32TB U6 25W - RELAP	5	5	\$ 56	- 10	F32TB U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 80.00	\$ -	\$ 104.00	\$ 12.00
1257	1	1	1 2L F32TB U6 25W - RELAP	1	1	\$ -	2	F32TB U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00
1258	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1259	1	1	2L F32TB U6 25W - RELAP	1	1	\$ -	2	F32TB U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00
1260	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1261	1	1	1 2L F32TB U6 25W - RELAP	1	1	\$ -	2	F32TB U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00
1262	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1263	1	1	1 2L F32TB U6 25W - RELAP	1	1	\$ -	2	F32TB U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 16.00	\$ -	\$ 20.80	\$ 12.00
1264	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1265	1	5	1 1L F32TB 25W - RELAP	5	5	\$ 56	- 5	F32TB 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 15.00	\$ -	\$ 19.50	\$ 12.00
1266	1	2	1 2L F32TB U6 25W - RELAP	2	2	\$ -	4	F32TB U6 25W LAMP	\$ 8.00	\$ -	\$ -	\$ 32.00	\$ -	\$ 41.60	\$ 12.00
1267	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1268	1	1	1 2L F32TB 25W - RELAP	1	1	\$ 58	- 8	F32TB 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 24.00	\$ -	\$ 31.20	\$ 12.00
1269	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1270	1	8	1 NO MEASURE	8	8	\$ -	8	\$ -	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1271	1	1	1 2L F32TB 25W - RELAP	1	1	\$ -	2	F32TB 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 7.80	\$ 12.00
1272	1	3	1 1L 14W R20 CFL	3	3	\$ -	3	14W R20 CFL	\$ 10.00	\$ -	\$ -	\$ 30.00	\$ -	\$ 39.00	\$ 10.00
1273	1	1	1 2L F32TB 25W - RELAP	1	1	\$ -	2	F32TB 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 6.00	\$ -	\$ 7.80	\$ 12.00
1274	1	1	1 NO MEASURE	1	1	\$ -	1	\$ -	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1275	1	1	1 OCCUPANCY SENSOR - WALL MOUNT	1	1	\$ -	1	OS WALL	\$ 55.00	\$ -	\$ -	\$ 55.00	\$ -	\$ 71.50	\$ 35.00
1276	1	1	1 1L F32TB 25W - RELAP	1	1	\$ -	1	F32TB 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 3.00	\$ -	\$ 3.90	\$ 12.00
1277	1	1	1 3L F32TB 25W - RELAP	1	1	\$ -	9	F32TB 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 27.00	\$ -	\$ 35.10	\$ 12.00
1278	1	24	1 3L F32TB 25W - RELAP	24	24	\$ -	72	F32TB 25W LAMP	\$ 3.00	\$ -	\$ -	\$ 216.00	\$ -	\$ 288.00	\$ 12.00
1279	1	1	1 OCCUPANCY SENSOR - CEILING MOUNT	1	1	\$ -	1	OS CEILING	\$ 95.00	\$ -	\$ -	\$ 95.00	\$ -	\$ 169.00	\$ 55.00

[illegible]

NEW JERSEY SMART START REBATE	\$ 9,360.00
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HOBOKEN UNIVERSITY MEDICAL CENTER - HEALTH CENTER
308 WILLOW AVENUE
HOBOKEN, NEW JERSEY

EXECUTIVE SUMMARY

ENERGY DATA

Existing Energy Usage (Watts)	23,106
Proposed Energy Usage (Watts)	18,241
Energy Saved (Watts)	4,865
Annual Kilowatt Hours Saved (kWh)	19,460

FINANCIAL DATA

Annual Existing Energy Cost	\$	11,436.63
Annual Proposed Energy Cost	\$	8,627.73
Annual Energy Savings	\$	2,808.90
Additional Energy Savings (Occupancy Sensors)	\$	-
Total Energy Savings	\$	2,808.90
Initial Project Cost	\$	7,369.18
Utility Rebate (Based on NJ Smart Start Approval)	\$	-
Project Cost	\$	7,369.18

CASH FLOW SUMMARY

Return On Investment (R.O.I.)	38%
Payback (Years)	2.62
10 Year Savings	\$ 28,089.05
10-Year Cumulative Positive Cash Flow	\$ 20,719.87

HOBOKEN UNIVERSITY
308 WILLOW AVENUE
HOBOKEN, NEW JERSEY

AR - DIRECTOR OF ENGINEERING

UTILITY ACCOUNT NUMBER
BUILDING TYPE
SQUARE FOOTAGE

Page 59

Name:	HOBOKEN UNIVERSITY MEDICAL CENTER - HEALTH CENTER
Address:	308 WILLOW AVENUE
City, St	HOBOKEN, NEW JERSEY
Contact:	GEORGE DOLMAR - DIRECTOR OF ENGINEERING
Phone:	201-418-1174

[illegible]

NEW JERSEY SMART START REBATE	\$.
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HOBOKEN HOSPITAL

Energy Conservation Measures (ECM)	Buildings	Energy Savings		Gross Installation Costs*	Rebates/ Incentive	Net Implementation Costs	Annual Energy Cost Savings	Annual Oper. Cost Savings	Total Annual Cost Savings	Simple Pay Back	Internal Rate of Return (IRR)	Measure Life	Lifecycle Savings	CO2 Savings (lbs)
		kWh	Therms											
1 Steam Trap Preventative Maintenance/Repair	Medical Center	0	0	5,700	\$0	\$12,420	\$6,840	\$0	\$6,840	1.8	47.1%	5	\$18,905	33
2 Lighting Upgrade	Medical Center	293,040	61	0	\$9,360	\$120,870	\$39,230	\$0	\$39,230	3.1	31.9%	15	\$347,455	97
2 Lighting Upgrade	Family Health Center	19,460	0	0	\$0	\$7,370	\$3,240	\$0	\$3,240	2.3	43.8%	15	\$31,309	6
3 Convert 100% Outside Air AHUs to Recirculating AHUs	Medical Center	207,900	27	12,400	\$0	\$134,900	\$41,740	\$0	\$41,740	3.2	30.8%	20	\$486,086	141
4 Upgrade/Repair Building Management System (BMS)	Medical Center	316,150	80	17,000	\$0	\$405,000	\$61,900	\$0	\$61,900	6.5	12.8%	15	\$333,958	204
5 Boiler Stack Flue Gas Economizer	Medical Center	0	0	21,200	\$0	\$175,950	\$25,260	\$0	\$25,260	7.0	11.6%	15	\$125,602	124
6 Upgrade Boiler Combustion Controls	Medical Center	0	0	9,800	\$0	\$136,390	\$15,250	\$0	\$15,250	8.9	7.3%	15	\$45,664	57
7 Convert to Primary/Secondary System Chilled Water Distribution	Medical Center	51,260	76	0	\$1,950	\$79,540	\$6,660	\$0	\$6,660	11.9	4.7%	18	\$12,058	17
8 Install Small Boiler for Summer Loads	Medical Center	0	0	22,600	\$3,300	\$314,280	\$26,930	\$0	\$26,930	11.7	7.6%	30	\$213,560	132
9 Replace 800 HP Watertube Steam Boiler	Medical Center	0	0	99,900	\$500,000	\$1,646,670	\$118,900	\$0	\$118,900	13.8	5.9%	30	\$683,822	584
10 Boiler Blowdown Heat Exchanger / Recovery	Medical Center	0	0	1,180	\$0	\$22,500	\$1,410	\$0	\$1,410	16.0	-0.8%	15	-\$5,668	7
11 Free Cooling - Waterside Economizer	Medical Center	26,250	49	0	\$0	\$63,000	\$3,410	\$0	\$3,410	18.5	0.8%	20	-\$12,268	9
12 Water Source Heat Pump Replacement	Family Health Center	77,060	95	0	\$6,561	\$213,820	\$10,000	\$0	\$10,000	20.7	-3.8%	15	-\$87,881	25
Totals	TOTALS	991,120	388	189,780	\$521,171	\$3,326,150	\$360,770	\$0	\$360,770	9.2	8%	18	\$1,538,676	1,438

Notes:

1. KW - Where Zero (0) values are shown in the table there is no demand reduction for this measure.
2. Rebates- Where Zero (0) values are shown in the table we could not find any rebates of other financial incentives that are currently available for this measure.

cars 249
trees 392

ECM#1 – Steam Trap Preventative Maintenance / Repair**Estimated Implementation Cost**

Steam Trap Maintenance/Repair								
N/N	DESCRIPTION OF WORK	UNIT	QTY	MATERIAL		LABOR		TOTAL
				PER UNIT	TOTAL	PER UNIT	TOTAL	
1	Replace Steam Trap	ea	30	200	6,000	100	3,000	9,000
Other Estimated Implementation Costs								3,420
TOTAL								\$ 12,420

Estimated Savings**ECO: Steam Trap Preventative Maintenance Program**

Existing Percent Condensate Recovery	65%
Proposed Percent Condensate Recovery	90%

Average Steam Load lbs/hr steam	1,704
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lbs/hr Condensate Recovery Improvement	426
GPM Condensate Recovery Improvement	0.855
Condensate water temperature (deg. F)	205
Makeup Water Temperature (deg. F)	90
Btu's/hr recovered from condensate	49,188
Cost Fuel/million btu's	\$11.90
Boiler Combustion Efficiency	75%
Anticipated hourly savings from waste water	\$0.78
Anticipated Annual Natural Gas Savings (therms)	5,745
Anticipated yearly savings from steam trap maintenance pgm	\$6,837

ECM#3 – Lighting Upgrade

HOBOKEN UNIVERSITY MEDICAL CENTER - HOSPITAL
308 WILLOW AVENUE
HOBOKEN, NEW JERSEY

EXECUTIVE SUMMARY

ENERGY DATA

Existing Energy Usage (Watts)	211,588
Proposed Energy Usage (Watts)	150,589
Energy Saved (Watts)	60,999
Annual Kilowatt Hours Saved (kWh)	293,044

FINANCIAL DATA

Annual Existing Energy Cost	\$ 129,554.40
Annual Proposed Energy Cost	\$ 96,702.51
Annual Energy Savings	\$ 32,851.89
Additional Energy Savings (Occupancy Sensors)	\$ 6,376.30
Total Energy Savings	\$ 39,228.19
Initial Project Cost	\$ 130,233.81
Utility Rebate (Based on NJ Smart Start Approval)	\$ 9,360.00
Project Cost	\$ 120,873.81

CASH FLOW SUMMARY

Return On Investment (R.O.I.)	27%
Payback (Years)	3.68
10 Year Savings	\$ 328,518.89
10-Year Cumulative Positive Cash Flow	\$ 207,645.09

HOBOKEN UNIVERSITY MEDICAL CENTER - HEALTH CENTER
308 WILLOW AVENUE
HOBOKEN, NEW JERSEY

EXECUTIVE SUMMARY

ENERGY DATA

Existing Energy Usage (Watts)	23,106
Proposed Energy Usage (Watts)	18,241
Energy Saved (Watts)	4,865
Annual Kilowatt Hours Saved (kWh)	19,460

FINANCIAL DATA

Annual Existing Energy Cost	\$ 11,436.63
Annual Proposed Energy Cost	\$ 8,627.73
Annual Energy Savings	\$ 2,808.90
Additional Energy Savings (Occupancy Sensors)	\$ -
Total Energy Savings	\$ 2,808.90
Initial Project Cost	\$ 7,369.18
Utility Rebate (Based on NJ Smart Start Approval)	\$ -
Project Cost	\$ 7,369.18

CASH FLOW SUMMARY

Return On Investment (R.O.I.)	38%
Payback (Years)	2.62
10 Year Savings	\$ 28,089.05
10-Year Cumulative Positive Cash Flow	\$ 20,719.87

ECM#3 – Convert 100% Outside Air AHUs to Re-circulating AHUs**Estimated Implementation Cost**

Convert 100% Outside Air Units to Recirculating Units								
N/N	DESCRIPTION OF WORK	UNIT	QTY	MATERIAL		LABOR		TOTAL
				PER UNIT	TOTAL	PER UNIT	TOTAL	
1	Ductwork Modification	lb	3,000	5	15,000	10	30,000	45,000
2	Electric/Controls	ls	1	15,000	15,000	25,000	25,000	40,000
3	Dampers/Actuators	ea	3	10,000	30,000	5,000	15,000	45,000
Other Estimated Implementation Costs								49,895
TOTAL								\$ 134,895

Estimated Savings

<u>ECO: Convert 100% Outside Air AHUs to Re-circulating AHUs</u>	
Existing Airflow Capacity @ 100% Outside Air (CFM)	76,000
Existing Conditioning Costs @ 100% OA (\$/CFM/Yr)	\$ 2.746
Proposed Conditioning Costs - Recirc AHU (\$/CFM/Yr)	\$ 2.197
Estimated Annual Electric Savings (kWh)	207,896
Estimated Annual Natural Gas Savings (therms)	12,360
Estimated Annual Conditioning Savings	\$41,735

Energy Costs		
Cost of Gas	\$ 1.190	per Therm
Cost of CHW	\$ 0.091	per ton-hour
Cost of Electric	\$ 0.130	per kWh

Boiler Efficiency	0.7
Air Cooled DX (kw/ton)	1.290323
Central CHW (kw/ton)	0.7

Recirc AHU

% Cooling Energy	62%
% Heating Energy	38%

100% OA Units

% Cooling Energy	65%
% Heating Energy	35%

Cost / CFM / Year		
Recirc	\$ 2.197	per CFM
100% OA	\$ 2.746	per CFM

ECM#4 – Upgrade/Repair Building Management System (BMS)**Estimated Implementation Cost & Savings****ECO: Install BMS****Operational Improvements**

Time of day operation / Optimized Start - Stop

Conditioning costs	\$2.75	\$ / CFM - Year
Estimated building airflow capacity ⁴	76,000	CFM
Current continuous operating costs	\$208,694	\$ / Year
Proposed reduced operating costs ^{1,2}	\$168,445	\$ / Year
Time of day savings through BMS	\$40,249	\$ / Year

Temperature control / Supply air temperature reset

Current estimated conditioning costs	\$2.75	\$ / CFM - Year
Current assumed SAT setpoint	55	deg F
Proposed SAT setpoint	Varies	deg F
Proposed estimated conditioning costs	\$2.55	\$ / CFM - Year
Cost difference with SAT reset ³	\$0.20	\$ / CFM - Year
SAT reset savings through BMS	\$15,200	\$ / Year

Static pressure reset

AHU-2 current static pressure	4.25	inches of water
AHU-2 proposed static pressure	3.25	inches of water
AHU-2 fan motor horsepower	25	Horsepower
AHU-2 runtime ^{1,2}	12	Hours / Day (M-F)
AHU-2 annual savings through BMS	\$3,673	\$ / Year
AHU-3 current static pressure	6.06	inches of water
AHU-3 proposed static pressure	5.00	inches of water
AHU-3 fan motor horsepower	25	Horsepower
AHU-3 runtime ^{1,2}	12	Hours / Day (M-F)
AHU-3 annual savings through BMS	\$2,778	\$ / Year

Savings

Time of day operation / Optimized Start - Stop	\$40,249	\$
Temperature control / Supply air temperature reset	\$15,200	\$
Static pressure reset	\$6,450	\$
Caculated annual savings with BMS	\$61,899.57	\$

Installation Costs

Equipment & Installation	\$150,000.00	\$
Engineering	\$150,000.00	\$
Project Management	\$60,000.00	\$
Contingency	\$45,000.00	\$
Total	\$405,000.00	\$

Economics

Payback period	6.54	Years
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Notations:

- 1) TOD proposed reduction assumes that 30% of the building will run 8 hrs per day, Monday through Friday.
- 2) Optimized start - stop proposed reduction assumes that 30% of the building will run up to 4 additional hours for optimized start - stop.
- 3) Requires the correct operation of the dampers in order to maintain the desired mixed air temperature .
- 4) Includes North units AHU-1, AHU-2, AHU-3, and South "Multizone" AHU .

ECM#5 – Boiler Stack Flue Gas Economizer**Estimated Implementation Cost & Savings****ECO - Boiler Stack Flue Gas Economizer****Boiler Operating Profile**

Boiler Operating Range	100% to 76%	75% to 51%	50% to 26%	25% to 0%
Average Boiler Load	80%	65%	33%	20%
Average Steam Flow, PPH	22,392	14,555	7,389	4,478
Boiler Efficiency	75%	75%	75%	75%
Burner Input, MBTU/Hr	28,160	22,880	11,616	7,040
Estimated Savings, % Input	3.45%	3.19%	3.09%	3.00%
Heat Recovery Rate, MBTUH	970	729	359	211
Annual Hours of Operation	438	876	1,314	6,132
Annual Heat Recovered, MBTU	424,978	638,505	471,700	1,295,538

Total Annual Heat Recovered, MBTU	2,830,721
Realization Factor	75%
Equivalent Natural Gas, DTH	2,123
Natural Gas Unit Cost	\$11.90
Annual Savings	\$25,264

Installation Costs

Equipment	\$36,000
Installation	\$54,000
Engineering	\$31,500
Project Management	\$31,500
Contingency	\$22,950
Total	\$175,950

verbal quote from Vinnie DiCaprio/Cannon Boiler Works Rep

Economics

Payback, Years	7.0
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ECM#5 – Boiler Stack Flue Gas Economizer**Estimated Implementation Cost & Savings****ECO - Boiler Stack Flue Gas Economizer****Boiler Operating Profile**

Boiler Operating Range	100% to 76%	75% to 51%	50% to 26%	25% to 0%
Average Boiler Load	80%	65%	33%	20%
Average Steam Flow, PPH	22,392	14,555	7,389	4,478
Boiler Efficiency	75%	75%	75%	75%
Bumer Input, MBTU/Hr	28,160	22,880	11,616	7,040
Estimated Savings, % Input	3.45%	3.19%	3.09%	3.00%
Heat Recovery Rate, MBTUH	970	729	359	211
Annual Hours of Operation	438	876	1,314	6,132
Annual Heat Recovered, MBTU	424,978	638,505	471,700	1,295,538

Total Annual Heat Recovered, MBTU	2,830,721
Realization Factor	75%
Equivalent Natural Gas, DTH	2,123
Natural Gas Unit Cost	\$11.90
Annual Savings	\$25,264

Installation Costs

Equipment	\$36,000
Installation	\$54,000
Engineering	\$31,500
Project Management	\$31,500
Contingency	\$22,950
Total	\$175,950

verbal quote from Vinnie DiCaprio/Cannon Boiler Works Rep

Economics

Payback, Years	7.0
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ECM#6 – Upgrade Boiler Combustion Controls**Estimated Implementation Cost & Estimated Savings****ECO: Blowdown Heat Exchanger****Annual Steam Production Profile**

Annual Steam Production, Mlbs. **	17,044
Fuel to Steam Efficiency	75%
Annual Natural Gas Usage, DTH	22,725

Projected Combustion Improvements (As Per Fire Eye)

Removal of Linkage Play:-	0.50%
Improved Combustion:-	1.30%
Increased Turndown:-	0.00%
Improve Load Response:-	0.50%
O2 Trim Correction:-	2.00%
Projected % Annual Savings:-	4.30%

Savings

Annual Natural Gas Savings	977
Natural Gas Unit Cost, \$/Dth	\$11.00
Annual Savings	\$10,749
Annual VFD Savings, Boiler #1	\$2,251
Annual VFD Savings, Boiler #2	\$2,251
Total Annual Savings	\$15,251

Installation Estimates

Combustion Control Upgrade (2 boilers)	\$86,000
Blower Fan VFD (2 motors)	\$32,600
Contingency (15%)	\$17,790
Total	\$136,390

Estimated Payback 8.94

***based on total annual nat gas useage - boiler estimated at 60% of nat gas use*

Blower fan VFD = (7.5 HP motor and PPC interface card)

ECM#7 – Convert to Primary/Secondary Chilled Water Distribution**Estimated Implementation Cost**

Convert to Primary/Secondary Chilled Water Distribution								
N/N	DESCRIPTION OF WORK	UNIT	QTY	MATERIAL		LABOR		TOTAL
				PER UNIT	TOTAL	PER UNIT	TOTAL	
1	Prem Eff Motor w/ VFD (20 HP)	ea	2	5,000	10,000	2,500	5,000	15,000
2	Piping Modifications	lf	250	35	8,750	20	5,000	13,750
3	Valve Replacement (2-way)	ea	5	500	2,500	300	1,500	4,000
4	Electric/Controls	ls	1	5,000	5,000	15,000	15,000	20,000
Other Estimated Implementation Costs								28,736
TOTAL								\$ 81,486

Estimated Savings

Convert to Primary/secondary Chilled Water Distribution
--

UTILITY PRICES

1. Price of Electricity, \$/kWh (blended rate) \$0.130
2. Price of Natural Gas, \$/therm \$1.190

	Existing Condition	Proposed System	Annual Savings
Annual Energy Consumption (kWh)	98,812	47,549	51,264
Annual Peak Demand (kW)	201	126	76
Annual Cost and Savings, \$	\$12,846	\$6,181	\$6,664

1. VFD power consumption based on assumed load profile and affinity laws
2. Run hours based on bin data and time of day factor.

ECM#8 –Install Small Boiler for Summer Loads**Estimated Implementation Cost**

Install 100 HP Watertube Steam Boiler - Summer Load								
N/N	DESCRIPTION OF WORK	UNIT	QTY	MATERIAL		LABOR		TOTAL
				PER UNIT	TOTAL	PER UNIT	TOTAL	
1	Watertube Steam Boiler (100 HP)	ea	1	100,000	100,000	50,000	50,000	150,000
2	Piping	lf	500	35	17,500	20	10,000	27,500
3	Electric/Controls	ls	1	10,000	10,000	30,000	30,000	40,000
Other Estimated Implementation Costs								100,085
TOTAL								\$ 317,585

Estimated Savings**ECO: Summer Load Boiler**

Estimated Summer Boiler Load (MMBtu-h)	3.3
Existing Boiler Capacity (HP)	500
Estimated Existing Boiler Efficiency at 20% load	0.7
Proposed Summer Boiler Capacity (HP)	100
Estimated Proposed Boiler Efficiency	0.9
Summer Boiler Load Hours	2160
Existing Natural Gas Use (therms)	101,829
Proposed Natural Gas Use (therms)	79,200
Estimated Natural Gas Savings (therms)	22,629
Natural Gas Unit Cost (\$/therm)	\$1.19
Estimated Annual Cost Savings	\$26,928

ECM#9 – Replace 800 HP Watertube Steam Boiler**Estimated Implementation Cost**

Replace 800 HP Watertube Steam Boiler								
N/N	DESCRIPTION OF WORK	UNIT	QTY	MATERIAL		LABOR		TOTAL
				PER UNIT	TOTAL	PER UNIT	TOTAL	
1	Watertube Steam Boiler (800 HP)	ea	1	850,000	850,000	250,000	250,000	1,100,000
2	Demo Existing Boilers	ls	1	8,000	8,000	36,000	36,000	44,000
3	Piping Modifications	ls	1	8,000	8,000	18,000	18,000	26,000
4	Electric/Controls	ls	1	30,000	30,000	30,000	30,000	60,000
Other Estimated Implementation Costs								916,672
TOTAL								\$2,146,672

Estimated Savings**ECO: Replace 800HP Steam Boiler**

Estimated Boiler Load (MMBtu-h)	37.2
Existing Boiler Capacity (HP)	800
Estimated Avg Existing Boiler Efficiency	0.7
Estimated Proposed Boiler Efficiency	0.83
Boiler Load Hours	1200
Existing Natural Gas Use (therms)	637,917
Proposed Natural Gas Use (therms)	538,002
Estimated Natural Gas Savings (therms)	99,915
Natural Gas Unit Cost (\$/therm)	\$1.19
Estimated Annual Cost Savings	\$118,899

ECM#10 –Boiler Blowdown Heat Exchanger / Recovery**Estimated Implementation Cost & Estimated Savings**ECO: Blowdown Heat Exchanger

Percent Blowdown	3%	Info from water treatment representative.
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Lbs/hr Blowdown to Flash Separator going from	50	psig	0	psig.	Flash steam produced	8%
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from chart

Heat Recovery From Flash Steam

Average Steam Load lbs/hr steam	1,704
Lbs/hr Blowdown	51
Lbs/hr Flash Steam Released	4
Enthalpy (btu's/lb) at 50 psig	1150
Btu's/hr recovered	4,703
Cost Fuel/million btu's	\$11.90
Boiler Combustion Efficiency	75%
Anticipated hourly savings from flash steam	\$0.07
Anticipated Yearly Natural Gas Savings (therms)	549
Anticipated yearly savings from flash steam	\$654

Heat Recovery From Waste Water

Lbs/hr water remaining	47
Blowdown water temperature (deg. F)	205
Blowdown water temperature to drain (deg. F)	90
Btu's/hr recovered from waste water	5,409
Cost Fuel/million btu's	\$12
Boiler Combustion Efficiency	75%
Anticipated hourly savings from waste water	\$0.09
Anticipated Yearly Natural Gas Savings (therms)	632
Anticipated yearly savings from flash steam	\$752

Total Hourly Savings from Heat Recovery System	\$0.16
Total Yearly Savings from Heat Recovery System	\$1,405

Estimated Costs

Equipment	\$7,500
Labor	\$11,250
Contingency	\$3,750
Total Estimated Costs	\$22,500

Estimated Payback	16.0
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ECM#11 – Free Cooling – Waterside Economizer**Estimated Implementation Cost**

Free Cooling								
N/N	DESCRIPTION OF WORK	UNIT	QTY	MATERIAL		LABOR		TOTAL
				PER UNIT	TOTAL	PER UNIT	TOTAL	
1	Plate & Frame Heat Exchanger (400 GPM)	ea	1	10,000	10,000	6,000	6,000	16,000
2	Piping Modifications	lf	100	35	3,500	20	2,000	5,500
3	Electric/Controls	ls	1	5,000	5,000	15,000	15,000	20,000
	Other Estimated Implementation Costs							21,497
	TOTAL							\$ 62,997

Estimated Savings**ECO: Free cooling****Operational Parameters**

Assumed Chilled Water Supply Temperature (winter, deg. F)	50	deg F
Assumed Chilled Water Return Temperature (winter, deg. F)	60	deg F
Required Condenser Water Supply Temperature (winter, deg. F)	40	deg F
Assumed cooling tower approach temperature (deg. F)	7	deg F
Minimum required outdoor wetbulb to achieve free cooling (deg. F)	33	deg F
Hours per year when OAT < minimum required wet bulb	2147	hours

Savings

Cooling load on CHW system for non 100% OA AHU	1.5	Ton-hrs / CFM-year
Estimated CFM of non 100% OA AHUs	25000	CFM
Assumed overall chiller plant efficiency (gas & electric, in kW/ton)	0.7	kW / Ton
Estimated cost of utilities	0.13	\$ / kWh
Caculated annual savings with free cooling heat exchanger	\$3,412.50	\$

ECM#12 – Water Source Heat Pump Replacement**Estimated Implementation Cost**

Water Source Heat Pump SEER Upgrade								
N/N	DESCRIPTION OF WORK	UNIT	QTY	MATERIAL		LABOR		TOTAL
				PER UNIT	TOTAL	PER UNIT	TOTAL	
1	3-Ton Water Source Heat Pumps (17 SEER)	ea	27	3,000	81,000	1,300	35,100	116,100
2	Electric/Controls	ls	1	5,000	5,000	15,000	15,000	20,000
Other Estimated Implementation Costs								61,517
TOTAL								\$ 197,617

Estimated Savings

Replace aging Heat Pumps with higher efficiency units

1. Price of Electricity, \$/kWh (blended rate) \$0.130
2. Price of Natural Gas, \$/therm \$1.660

	Existing Condition	Proposed System	Savings
Total Tons	81	81	
SEER	13.0	17.0	
Annual Run Hours	384	384	
Annual kWh	327,489	250,433	77,056
Annual kW	404	309	95
Annual Cost and Savings, \$	\$ 42,574	\$ 32,556	\$ 10,000

1. Cost per kWh and therm prices taken from "# Constants" sheet.
2. Run hours based on bin data and time of day factor.

Wind Analysis

Performed By Dome-Tech Energy Advisors

Average Wind Speed	4.6	4.6	5.8
Annual Electric Use, kwh	7,871,940	7,871,940	7,871,940
Electric Cost	\$0.13/kWh	\$0.13/kWh	\$0.13/kWh

Name	Hoboken University Hospital
Annual Electric Use, kwh	7,871,940
Electric Cost, kwh	\$ 0.130

	Micro	Traditional 5.2 kw	Traditional 50 kw
Number of Units	20	2	1
kW Capacity, per Unit	1 Kw	5.2 Kw	50.0 Kw
kW Capacity, Total	20 Kw	10 Kw	50 Kw
Annual Production Per Unit	742 Kwh	5,857 Kwh	110,472 Kwh
Annual Production Total	14,843 Kwh	11,713 Kwh	110,472 Kwh
Annual Savings	\$1,930	\$1,523	\$14,361
Installed Cost per Unit	\$6,500		
Installed Cost per Kw		\$6,000	\$5,000
Gross Installed Cost	\$130,000	\$62,400	\$250,000
NJ Incentive	\$47,498	\$37,483	\$98,436
Net Installed Cost	\$82,502	\$24,917	\$151,564
Simple PayBack	42.8	16.4	10.6
% Energy Use	0.2%	0.1%	1.4%

Monthly Averaged Wind Speed At 10 m Above The Surface Of The Earth For Terrain Similar To Airports (m/s)

Latitude	Longitude	January	February	March	April	May	June	July	August	September	October	November	December	avg
40.44	-74.02	5.14	5.19	5.28	5.03	4.42	4.09	3.74	3.66	3.88	4.20	4.87	5.1	4.56

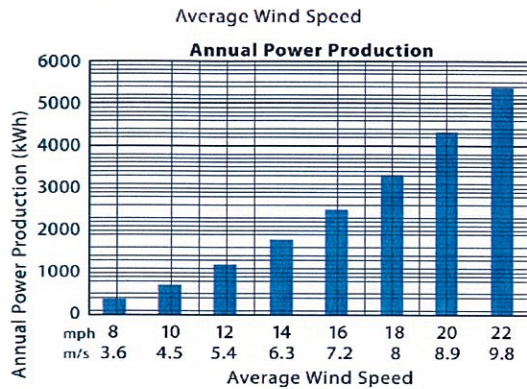
Monthly Averaged Wind Speed At 50 m Above The Surface Of The Earth (m/s)

Latitude	Longitude	January	February	March	April	May	June	July	August	September	October	November	December	avg
40.44	-74.02	6.51	6.57	6.68	6.37	5.59	5.18	4.73	4.63	4.91	5.39	6.17	6.45	5.77

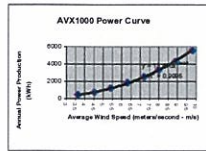
Latitude 40 34 N
Longitude 74 27 W
NASA Surface meteorology and Solar Energy: Data Subset
http://eosweb.larc.nasa.gov/cgi-bin/sse/subset.cgi?email=k_mccarthy@dome-tech.com
UN k_mccarthy@dome-tech.com
PW dometech

http://www.awea.org/smallwind/toolbox/TOOLS/fs_safety.asp

AVX1000 Power Curve



m/s	annual kwh
3.6	380
4.5	710
5.4	1200
6.3	1800
7.2	2500
8	3300
8.9	4300
9.8	5550



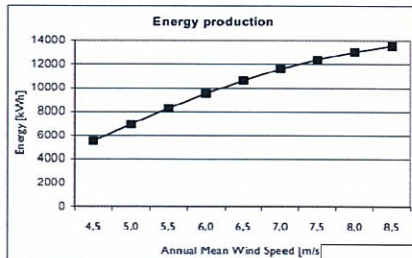
$$y = 13.436x^{2.6458}$$

$$R^2 = 0.9995$$

Average Wind Speed * Has to be greater than 2.2 m/s
Annual Power Product 742.2

<http://www.prevailingwindpower.com/1000AVX.pdf>

Wind speed (m/s)	Energy (kWh)
4.5	5541
5.0	6947
5.5	8294
6.0	9534
6.5	10638
7.0	11593
7.5	12391
8.0	13036
8.5	13534

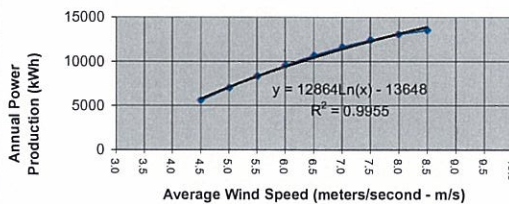


m/s	annual kwh
4.5	5541
5.0	6947
5.5	8294
6.0	9534

Expected Annual Net Energy Production (AEP)

Average Annual Wind Speed (m/s)	Average Annual Wind Speed (mph)	AEP Sea Level (kWh)
5	11.2	72,000
5.5	12.3	95,000
6	13.4	119,000
6.5	14.5	144,000
7	15.6	168,000
7.5	16.8	191,000
8	17.9	213,000

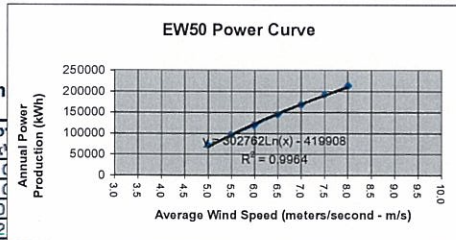
WES5 Tulipo Power Curve



http://www.windenergysolutions.nl/fileadmin/user_upload/Technical_Specifications_WES5_Tulipo.pdf
EW50

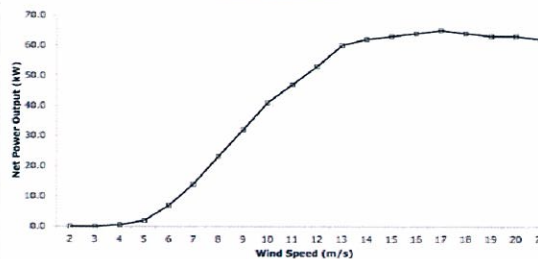
EW50 Power Curve, 60h

Wind Speed (m/s)	Wind Speed (mph)	Power (kW)
2	4.5	0
3	6.7	0
4	8.9	0
5	11.2	2
6	13.4	7.0
7	15.6	14.0
8	17.9	23.0
9	20.1	32.0
10	22.4	41.0
11	24.6	47.0
12	26.8	53.0
13	29.1	60.0
14	31.3	62.0
15	33.5	63.0
16	35.8	64.0
17	38.0	65.0
18	40.2	64.0
19	42.5	63.0
20	44.7	62.0
21	46.9	61.9



m/s	annual kwh
5	72000
5.5	95000
6	119000
6.5	144000

EW50 Power Curve



<http://www.entegritywind.com/pdfs/EW50-Specs.pdf>

Solar PV System

Performed By Dome-Tech Energy Advisors

	Section 1	Section 2	Section 3	Section 4	Section 5	Section 6
	N/S	N/S	N/S	N/S	N/S	N/S
Gross Length, feet	180	70	0	0	0	
Panel Count (calculated)	52.5	20.4	0.0	0.0	0.0	0.0
Panel Count (actual)	52	20	0	0	0	0

	E/W	E/W	E/W	E/W	E/W	E/W
Gross Length, feet	60	50	0	0	0	
Panel Count (calculated)	11.7	9.8	0.0	0.0	0.0	0.0
Panel Count (actual)	11	9	0	0	0	0

Gross Panel Qty	572	180	0	0	0	0
Panel Reduction %	75%	75%	0%	0%	0%	
Net Panel Qty	429	135	0	0	0	564
<u>Total</u>						

System Capacity, kw	99	31	0	0	0	130
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Choose Closest City	Newark	Newark	Newark	Newark	Newark	Newark
Capacity Factor (kwh/kw)	1,054	1,054	1,054	1,054	1,054	1,054

First Year Expected Production (kWh)	103,998	32,727	0	0	0	136,725
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Site Energy Use

7,871,940
Roof

Install Roof Mount Solar Photovoltaic System(s)	
Assumptions	
System Capacity, kw-dc (maximum utilization of roof space)	130 kw dc
Estimated Annual AC Energy Produced by Proposed Solar PV System	136,725 kwh
Total Annual Facility Electric Use, kwhrs	7,871,940 kwh
Proposed % of Total Annual kWh supplied by Solar PV	2%
All-In Rate for Electric Year 1	\$0.130 / kwh
Year 1 Electric Cost Savings	\$17,774
Year 1 Maintenance Costs	\$2,594
Estimated Year 1 SREC Value:	\$640 / SREC
Estimated Year 1 SREC Revenue:	\$87,459
Financial Results	
Actual Payback	5.8 years
IRR (25 Years)	12.7%
Net Present Value (25 yrs, 8% discount rate)	\$173,622
Cost and Rebate / Tax Incentives	
Cost per kW installed	\$6,000
System Installed Cost (does not include value of tax credits)	\$778,320
NJ CEP Rebate (\$1/watt for systems < 50 kW)	\$0
Federal Business Energy Tax Credit (30%)	\$233,496