



Expert Talk Series

**Greener Buildings, Energy Efficiency & Water
Conservation For Neighborhoods**

Green Remodeling

How to save money and be GREEN

Tune Up

High Efficiency Systems

The Building Technologies Office (BTO) implements minimum energy conservation standards for more than 50 categories of appliances and equipment.



| | |
|----------------|----------------|
| COST ADDED | \$ 20 to 30 |
| ANNUAL SAVINGS | \$ 12 to 15 |
| PAYBACK | 2 years |

The **ENERGY STAR** label identifies top performing, cost-effective products, homes, and buildings.

Tune Up

Efficient Products

- [Programmable Thermostat](#)

Nest 2nd Generation Learning
Thermostat

| | |
|----------------|-----------------|
| COST ADDED | \$ 230 |
| ANNUAL SAVINGS | \$ 180 |
| PAYBACK | 1 ½ year |



Tune Up

Efficient Products

- [Standby power reduction](#)

Smart Strip LCG4 Energy Saving Power Strip with Autoswitching Technology



| | |
|----------------|----------------|
| COST ADDED | \$ 41 |
| ANNUAL SAVINGS | \$ 20 |
| PAYBACK | 2 years |

Tune Up

Efficient Products

- High Efficiency Lighting
Compact Fluorescent Lighting

60W Equivalent Soft White (2700K)
Spiral GU24 CFL Light Bulb

| | |
|----------------|-----------------|
| COST ADDED | \$ 3.88 |
| ANNUAL SAVINGS | \$ 5 |
| PAYBACK | 0.8 year |



Tune Up

Mechanical Systems

- [Hot water heater Blanket](#)

Thermwell SP90A Frost King Water Heater Blanket

| | |
|----------------|-----------------|
| COST ADDED | \$ 35 |
| ANNUAL SAVINGS | \$ 32 |
| PAYBACK | 1.1 year |



Tune Up

Mechanical Systems

- Heating System Tune-up

maintenance / cleaning

COST ADDED \$ 125 / 150

ANNUAL SAVINGS \$ 180

PAYBACK 0.7 year



Tune Up

Water Efficiency

- Water Efficient Toilets / Dual Flush Toilets

H2Option 2-piece Siphonic Dual Flush
1.6/1.0 GPF

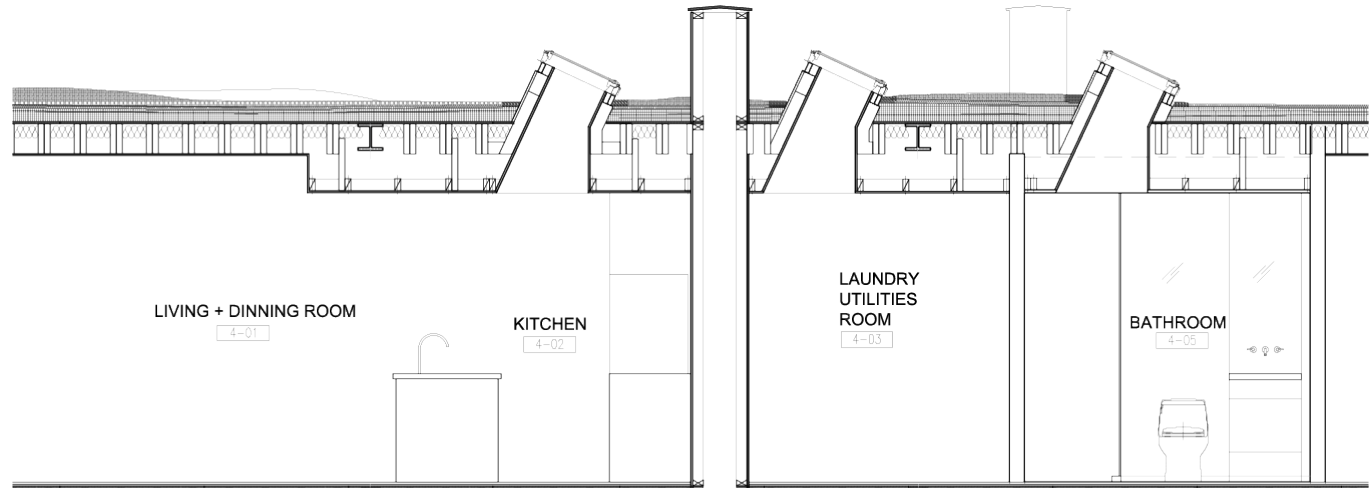
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|----------------|------------------|
| COST ADDED | \$ 140 |
| ANNUAL SAVINGS | \$ 25 |
| PAYBACK | 5 ½ years |



Be Green

Lighting

- Skylights



| | |
|----------------|------------------|
| COST ADDED | \$ 70 |
| ANNUAL SAVINGS | \$ 30 |
| PAYBACK | 2.4 years |

Be Green

Lighting

- Indirect Lighting

| | |
|----------------|----------------|
| COST ADDED | \$ 0 |
| ANNUAL SAVINGS | \$ 30 |
| PAYBACK | 0 years |



Be Green

Insulation

| | |
|----------------|----------------|
| COST ADDED | \$ 1 /sf |
| ANNUAL SAVINGS | \$ 3 |
| PAYBACK | 0 years |



Be Green

Green Roofs

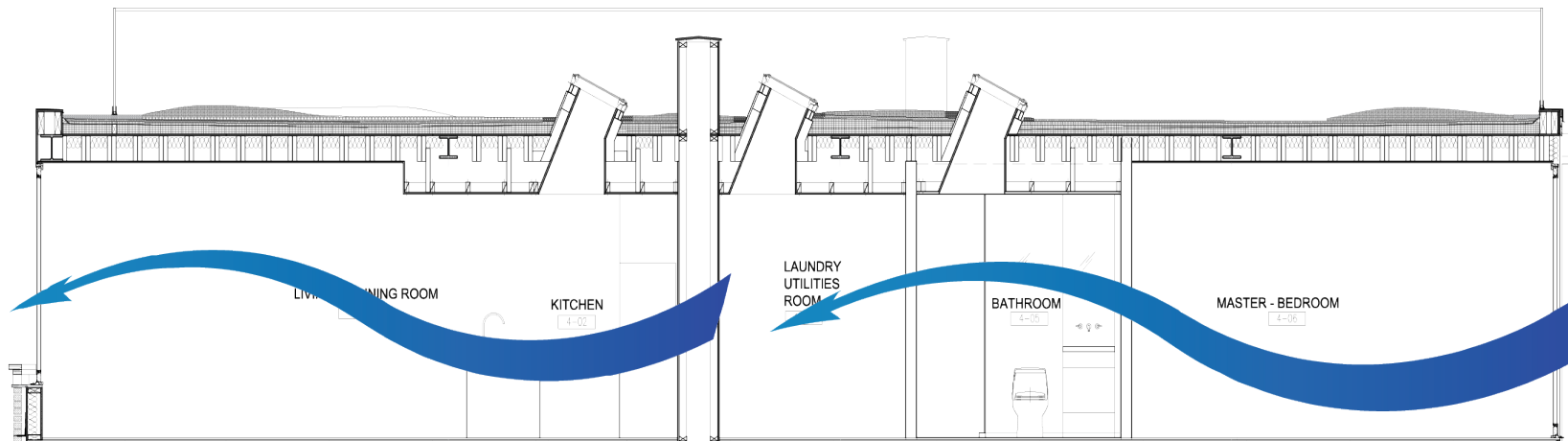
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|----------------|----------------|
| COST ADDED | \$ 20 /sf |
| ANNUAL SAVINGS | \$ 10 |
| PAYBACK | 2 years |



Be Green

Ventilation

- Cross Ventilation



COST ADDED

\$ 0

ANNUAL SAVINGS

\$ 120

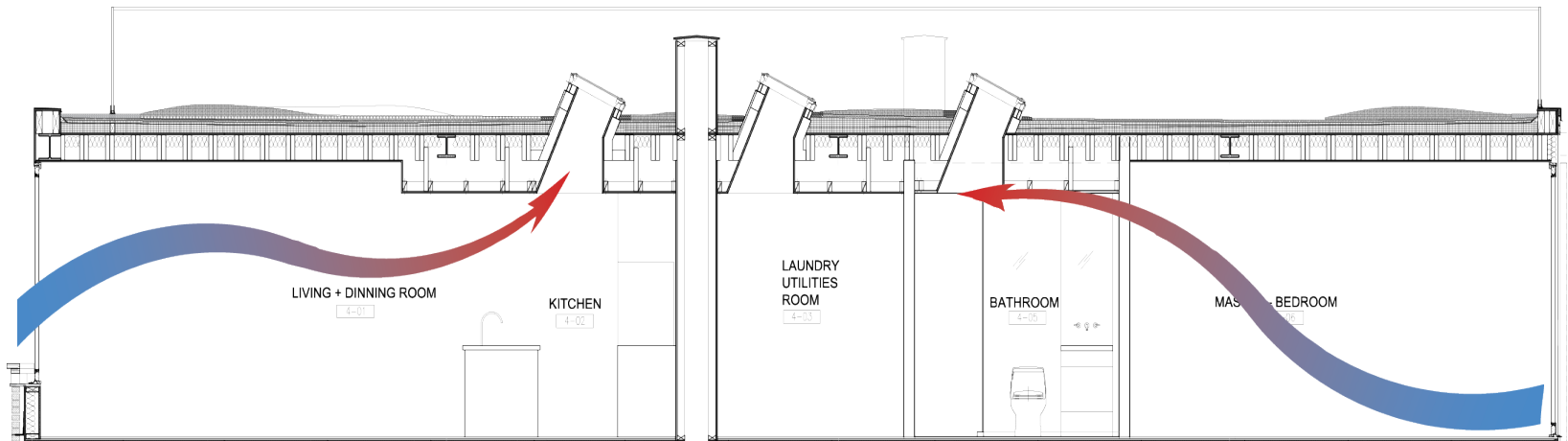
PAYBACK

0 years

Be Green

Ventilation

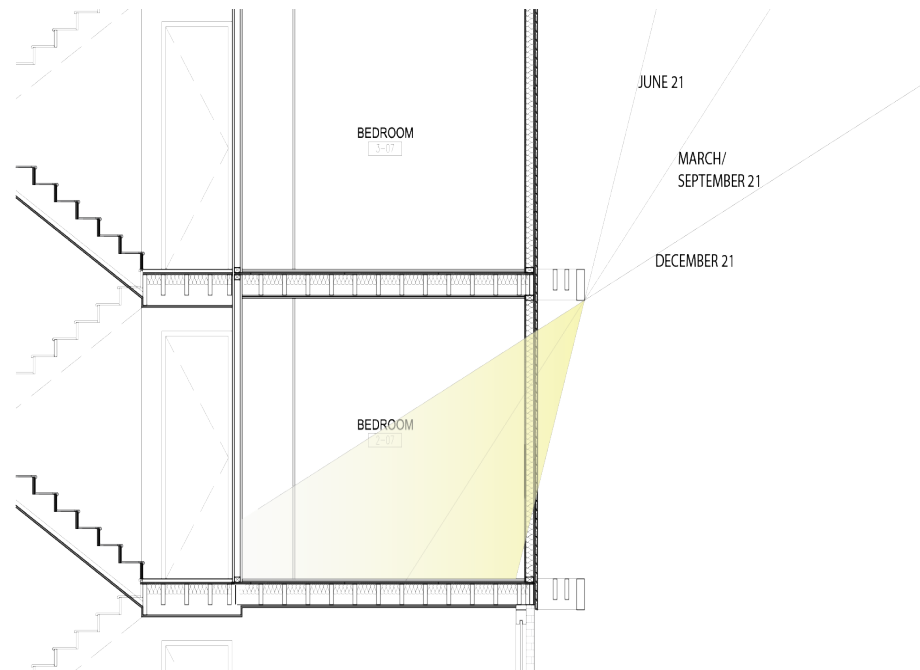
- Vertical Ventilation



| | |
|----------------|----------------|
| COST ADDED | \$ 70 |
| ANNUAL SAVINGS | \$ 70 |
| Payback | 0 years |

Be Green

- Southern Overhangs



| | |
|----------------|------------------|
| COST ADDED | \$ 500 |
| ANNUAL SAVINGS | \$ 120 |
| PAYBACK | 4.1 years |

Be Green

- Storm Water Management

| | |
|----------------|----------------|
| COST ADDED | \$ 300 |
| ANNUAL SAVINGS | \$ 100 |
| PAYBACK | 3 years |

