

51 West Central

Being a LEED AP and having completed almost a dozen LEED certified homes, Jeremy vanEyck, Construction Manager & Vice President of Cottage Home, has seen the benefits of what goes into a LEED home, and wanted to experience it first hand. For his family it was important to be close to the places they go the most. With the kids' school only two blocks up the road and downtown being so close to this location, it just made sense.

Working in the lakeshore environment and observing how homes react in some of the most drastic weather conditions also influenced how Jeremy chose to put the house together; choosing to go beyond building code and accepted building practices and striving to reach some of the highest standards in energy efficiency and sustainability.

As it was built amongst some of the oldest homes in the city, the house needed to blend in and age as gracefully as those around it.

LEED™ Facts

LEED for Homes

Certification Awarded: **December, 2011**

Platinum **96***

| | |
|------------------------------|---------|
| Innovation in Design | 6.5/11 |
| Location & Linkages | 10/10 |
| Sustainable Sites | 18/22 |
| Water Efficiency | 7/15 |
| Energy & Atmosphere | 22.5/38 |
| Materials & Resources | 14/16 |
| Indoor Environmental Quality | 16/21 |
| Awareness & Education | 2/3 |

*Out of 136 possible points.

Based on the home size adjustment factor, the point total thresholds for certification for this home were:

| | |
|-----------------|----------------|
| Certified: 46.5 | Gold: 76.5 |
| Silver: 61.5 | Platinum: 91.5 |



Key LEED Features



Indoor Environmental Quality

ERV (Energy Recovery Ventilator) bath fan.

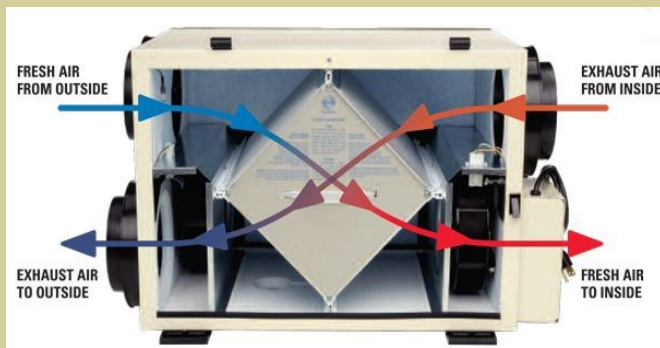


Energy & Atmosphere

Insulation: cellulose with foam, caulk and seal package.

ERV Diagram:

This home utilizes a bath fan ERV (Energy Recovery Ventilator), which automatically exhausts stale air from the inside of the house, and replaces it with fresh air from the outside.



Insulation package:



Caulk all framing.

Foam, prior to ceiling drywall.

Seal perimeter, penetrations and partitions prior to cellulose.



Designers & Builders of
Well-Appointed Beach Houses & Cottages