The Built Green™ Home at Suncadia is a custom home that highlights the environmental and health benefits of utilizing “green” materials and building techniques. The King County Solid Waste Division (Washington State) provides this list of the environmentally-friendly features of this home to show the potential benefits of green products.

**FEATURES OF GREEN MATERIALS**

**EXTERIOR SITE**
- Trees routed into site - CMI Homes milled trees on-site for various uses
  - 100% R, L, C
  - Transportation costs and associated air pollution and pesticide impact to water tables, increased tipping fees at landfills
- Landscaping Timber - CMI Homes milled trees on-site
  - 100% R, L, C
  - Transportation costs and associated air pollution and pesticide impact to water tables, increased tipping fees at landfills
- More review: seaweed wall - Made with Rockworks
  - 100% L
  - Potential need for chemical fertilizers or pesticides, and irrigation with potable water, invasive species
- Native plants
  - 100% L, C
  - Increased water use
- Lightweight landscaping
  - 100% L, C
  - Increased water use
- Topsoil harvested - CMI Homes recycled soil for reuse
  - 100% L, C
  - Transportation costs and associated air pollution increased, tipping fees
- Exposed aggregate -足迹地脚

**EXTERIOR & BUILDING ENVELOPE**
- House wrap - Western Redcedar
  - [http://www.nativetrails.net/index.htm](http://www.nativetrails.net/index.htm)
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Cedar siding
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Metal roof
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Windows
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Porch timbers
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Insulated Concrete Forms (ICFs)
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Spray foam insulation
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Site lighting - Light Fixtures
  - 100% L
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  - 100% L
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- SFC-certified siding - Tigerwood provided by Environmental Home Center
  - 100% R, L
  - Energy use from the manufacture & transportation of replacement materials

**INTERIOR MATERIALS**
- Engineered timber - Hardwood Simplicity
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials

**INTERIOR FIXTURES**
- High efficiency toilets - Sun Pure Filters/ Ultra Sun Technologies
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials
- Granit sink - Stone Forest Sink
  - 100% R, L
  - Energy use from the manufacture & transportation of replacement materials
- Copper bathtub - Copper bathtub
  - 100% R, L
  - Energy use from the manufacture & transportation of replacement materials
- Handmade glass light fixture
  - 100% L
  - Energy use from the manufacture & transportation of replacement materials

**INTERIOR LIGHTING**
- Touchless light switching - Sea Gull Lighting provided by Alexander Lighting
  - L, C
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**APPLIANCES**

- **Refrigerator**: Whirlpool, Energy Star-rated, E - Uses 5% less energy than federal guidelines.
- **Microwave**: Whirlpool, Energy Star-rated, E - Uses 30% less energy than federal guidelines.
- **Gas Stove**: Whirlpool, Energy Star-rated, E - Uses 15% less energy than federal guidelines.
- **Washer**: Whirlpool, Energy Star-rated, E - Uses 50% less water than conventional clothes washers.
- **Dryer**: Whirlpool, Energy Star-rated, E - Uses 5% less energy than federal guidelines.

**INTERIOR FINISHES**

- **Natural stone fireplace**: Produced by Squak Mountain Stone, supplied by the Environmental Home Center.
- **Composite countertop - bathroom**: Manufactured by Neil Kelly, purchased at Environmental Home Center.
- **Concrete countertop - bathroom**: Manufactured by Neil Kelly, purchased at Environmental Home Center.
- **Formica - window seat**: Manufactured by Neil Kelly, purchased at Environmental Home Center.
- **Formica - window seat - living room**: Manufactured by Neil Kelly, purchased at Environmental Home Center.
- **Formica - window seat - dining room**: Manufactured by Neil Kelly, purchased at Environmental Home Center.
- **Alder cabinets - throughout home**: Pacific Crest Cabinets.
- **Earth plaster walls**: Manufactured by American Clay Earth Plaster Walls, purchased at Environmental Home Center.
- **Low-VOC paint**: Manufactured by Horst Paint, purchased at Environmental Home Center.
- **Recycled glass tile**: Manufactured by Horst Paint, purchased at Environmental Home Center.
- **Concrete tile**: Manufactured by Squak Mountain Stone, supplied by the Environmental Home Center.
- **Concrete tile - entry**: Manufactured by Squak Mountain Stone, supplied by the Environmental Home Center.
- **Eco-terrazzo tile**: Manufactured by Squak Mountain Stone, supplied by the Environmental Home Center.
- **Terra Green glass tile**: Manufactured by Squak Mountain Stone, supplied by the Environmental Home Center.
- **Concrete tile**: Manufactured by Squak Mountain Stone, supplied by the Environmental Home Center.
- **FSC-certified Australian chestnut flooring**: FSC-certified Australian chestnut flooring.
- **Slate Floor**: Slate and bronze tile "rug" - entry.
- **EcoTimber**: Manufactured by the Environmental Home Center.

**CERTIFICATIONS**

- **Built Green Five-Star Home**: Manufactured by Neil Kelly, purchased at Environmental Home Center.
- **Energy Star Home**: Energy Star Home Nw.
- **FSC-certified Wood**: Forest Servic Council.
- **Green Seal Certified Paint**: Green Seal.

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