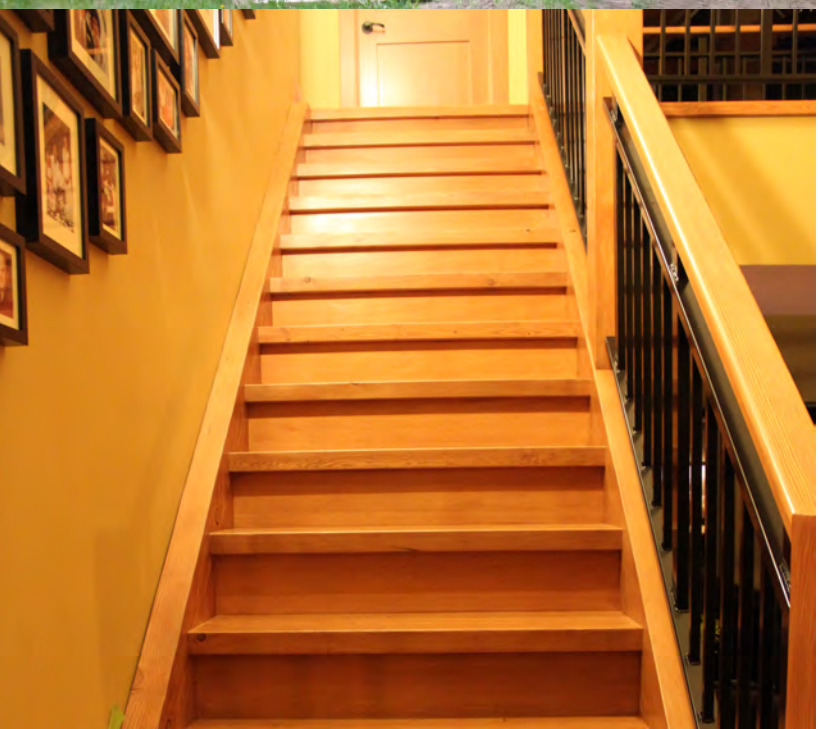
materials [consumption & waste]



At all points of the site preparation, construction and furnishing/decorating of our home we took great effort to reduce the amounts of materials that were consumed and/or wasted.

Reducing Consumption

- Material efficient framing—"Optimum Value Engineering" framing details – Exterior walls, although double-walled, only consume 3% more wood than a standard 2 in. x 6 in. wall despite being 10 in. thicker.
- Concrete floors use a high content of fly ash [Fly ash is a waste product generated by coal burning power plants which either ends up in landfills or, where lack of regulations permit, billowed out of smokestacks into the atmosphere]

Reusing materials

- Stairs and decorative doors are made from beams reclaimed from a demolished liquor store
- Kitchen sinks are made from recycled copper wires
- Over 95% of the homes insulation is comprised of recycled newspapers
- Hardi Plank siding contains 10% recycled content
- Reuse of fly ash in concrete (as described above)
- Tiles made from recycled glass (master bath)
- Use of pine trees harvested on site for furnishing and finishing details
- All lumber scraps from the construction process have been saved to use in wood burning fireplace, therefore reducing energy required for heating.

Recycling & Waste

The vast majority of construction waste was diverted from landfills by:

- Saving waste lumber for use in the home's wood burning fireplace for winter heat
- Separating waste into recyclable or garbage (typical construction sites see all discarded material end up in one dumpster, which goes to the landfill)