

4. Material Selection

Materials were selected to minimize the depletion of virgin materials and fossil fuels required for transit

There will be no Asbestos Containing Materials, toxic materials, or Ozone Depleting Materials in the project and the use of chlorine-based and Global Warming Potential Materials will be limited to acceptable levels.

A minimum of 10% by cost of all building materials were extracted and manufactured within 800km from the building site.

18% of concrete in the building contains recycled aggregates and all base and sub-base is recycled aggregate. At least 80% of structural steel will have a minimum 28% post-consumer recycled content.

The combination of these selected material have an effect further reaching than the building itself. They limit carbon footprint and stimulate local economy. They reduce the amount of virgin material extracted while reducing the amount of existing waste going to landfills. They help prevent the depletion of the ozone layer and help prevent health problems by limiting human exposure to toxic materials.