TKA + Partners
SOLUTIONS IN ARCHITECTURE

Greenbuild Legacy Project 2007: Green Tech Resource Center

Sustainable Materials and Resources

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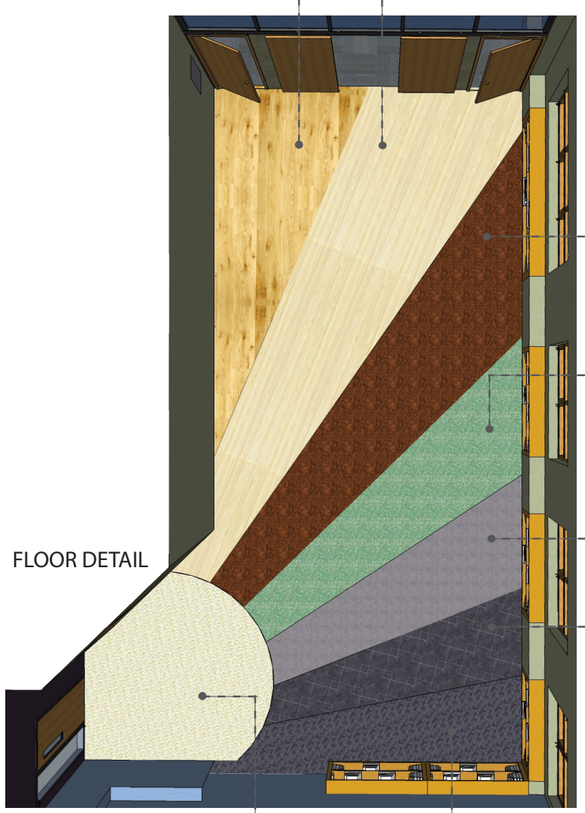


FLOOR DETAIL

White Oak, Chicagoland Trees
Regional, Low-VOC
Flooring is made from trees that fell naturally in the Chicagoland area

Natural Bamboo, Vertical Grain
Rapidly Renewable, Low-VOC
Bamboo is plantation-grown in managed plots by independent farmers in China

Cork, Vallarex Amber
Rapidly Renewable, Low-VOC
Cork bark is harvested using traditional hand-labor methods every nine years, and no more than 50% of the bark is removed during each harvest, protecting the tree

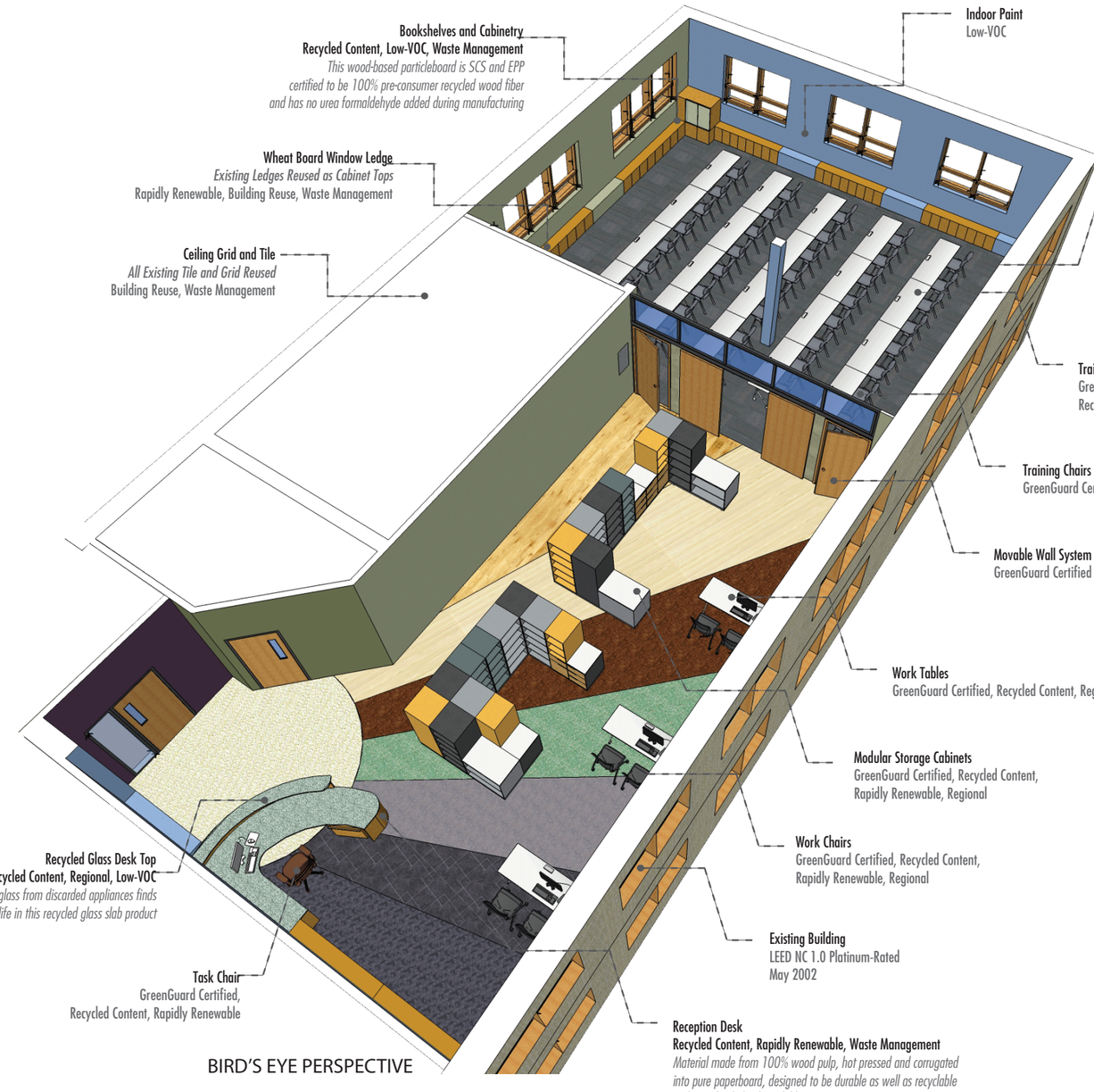
Recycled Rubber
Recycled Content, Low-VOC
100% post-consumer rubber rescued from landfills is mixed with colorful EPDM flecks and bound with a water-based polymer

Marmoleum, Real Arabesque
Rapidly Renewable, Low-VOC
Linoleum is produced from linseed oil, rosins, wood flour, jute, and ecologically responsible pigments

Porcelain Stone, EcoCycle Night Air
Recycled Content, Low-VOC
Tile contains 40% recycled ceramic

Recycled Glass Terrazza
Recycled Content, Low-VOC
Flooring planks are hand-made with 100% recycled glass as well as porcelain from discarded bath fixtures

Carpet
CRI Green Label Plus, Recycled Content
The non-PVC thermoplastic modular backing technology contains 35% pre-consumer recycled content, uses 28% less virgin raw materials than traditional PVC tiles, and the entire tile can be recycled back into itself



BIRD'S EYE PERSPECTIVE

Bookshelves and Cabinetry
Recycled Content, Low-VOC, Waste Management
This wood-based particleboard is SCS and EPP certified to be 100% pre-consumer recycled wood fiber and has no urea formaldehyde added during manufacturing

Wheat Board Window Ledge
Existing Ledges Reused as Cabinet Tops
Rapidly Renewable, Building Reuse, Waste Management

Ceiling Grid and Tile
All Existing Tile and Grid Reused
Building Reuse, Waste Management

Recycled Glass Desk Top
Recycled Content, Regional, Low-VOC
Local glass from discarded appliances finds new life in this recycled glass slab product

Task Chair
GreenGuard Certified,
Recycled Content, Rapidly Renewable

Indoor Paint
Low-VOC

Modular Carpet Tile
Existing
Building Reuse, Waste Management

Training Tables
GreenGuard Certified,
Recycled Content, Regional

Training Chairs
GreenGuard Certified, Recycled Content

Movable Wall System
GreenGuard Certified

Work Tables
GreenGuard Certified, Recycled Content, Regional

Modular Storage Cabinets
GreenGuard Certified, Recycled Content,
Rapidly Renewable, Regional

Work Chairs
GreenGuard Certified, Recycled Content,
Rapidly Renewable, Regional

Existing Building
LEED NC 1.0 Platinum-Rated
May 2002

Reception Desk
Recycled Content, Rapidly Renewable, Waste Management
Material made from 100% wood pulp, hot pressed and corrugated into pure paperboard, designed to be durable as well as recyclable and completely biodegradable.

City of Chicago
Richard M. Daley, Mayor

Chicago Center for Green Technology

Chicago

Suzanne Malec-McKenna
Commissioner

Chicago Department of Environment