

# SUSTAINABLY HARVESTED AND MANUFACTURED WOOD FURNITURE

- **PLYMOUTH STATE UNIVERSITY AND DCI FURNITURE**

Plymouth State University has worked with DCI for the past 10 years. The University was first introduced to DCI through the bidding process for Langdon Woods, which began a long-term partnership.

- **SUSTAINABLE HARVESTING**

For over 25 years, DCI has led the residence hall furniture industry in green manufacturing. Working with state foresters, they sustainably harvest all of their lumber for furniture manufacturing which means only mature trees are cut to allow younger trees to grow and replenish our forest for the future.

DCI harvests all its wood within 100 miles of its facility, dramatically cutting the carbon footprint while creating local jobs. One such effort is currently underway in Woodstock Vermont at the Marsh-Billings-Rockefeller National Historical Park, the oldest managed forests in the United States.

- **PROTECTING WILDLIFE**

Woven into DCI's harvesting philosophy is a mandate to create beneficial habitat for wildlife. Some examples include leaving 1 brush pile per acre for cotton tailed rabbit habitat and creating small "patch cuts" that create feeding areas for deer and moose.

- **ZERO WASTE POLICY**

Once the logs are harvested, DCI refines 100% of the lumber in-house adhering to a strict zero wood-waste policy. Through advanced computerized optimizers, they maximize overall yield and waste less wood. The remaining wood waste is captured and converted into processed steam to heat their facility and power their kilns. DCI has not burned a single drop of heating oil in the last 25 years, despite harsh North Country winters. They also donate, recycle, reclaim, and up-cycle thousands of old residence hall furniture sets every year, keeping them out of the landfill.

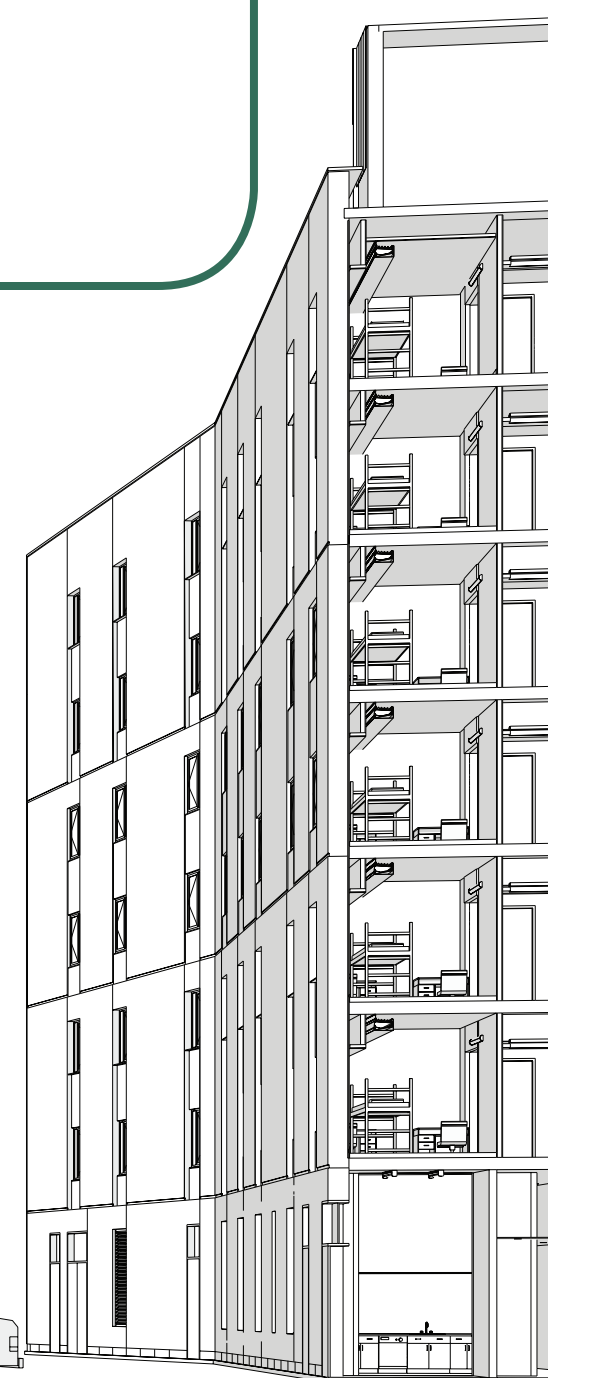
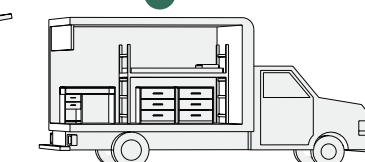
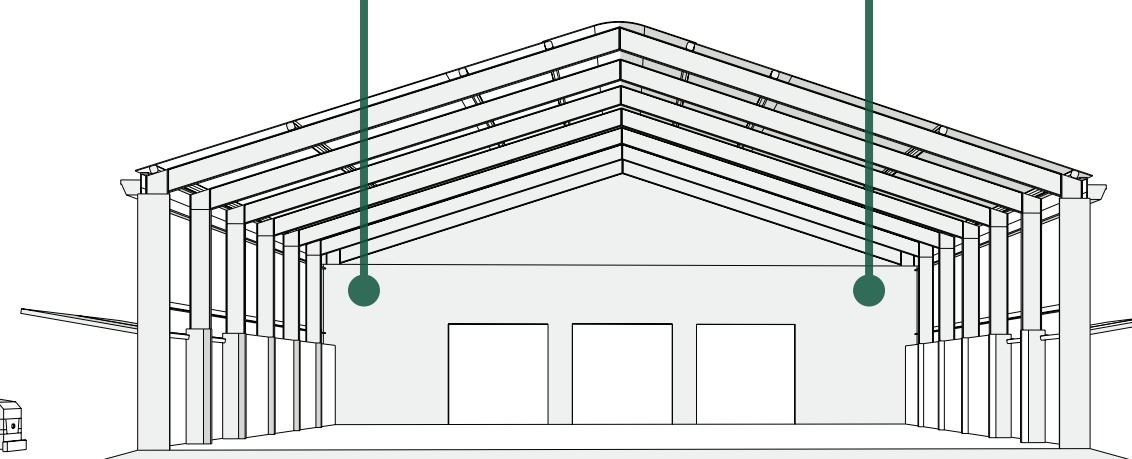
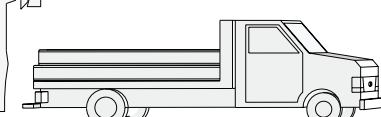
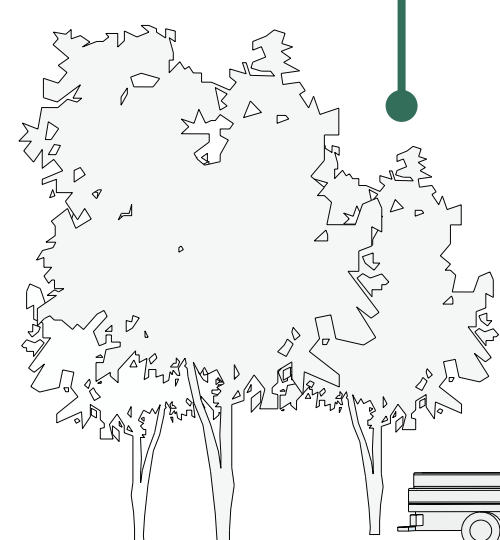
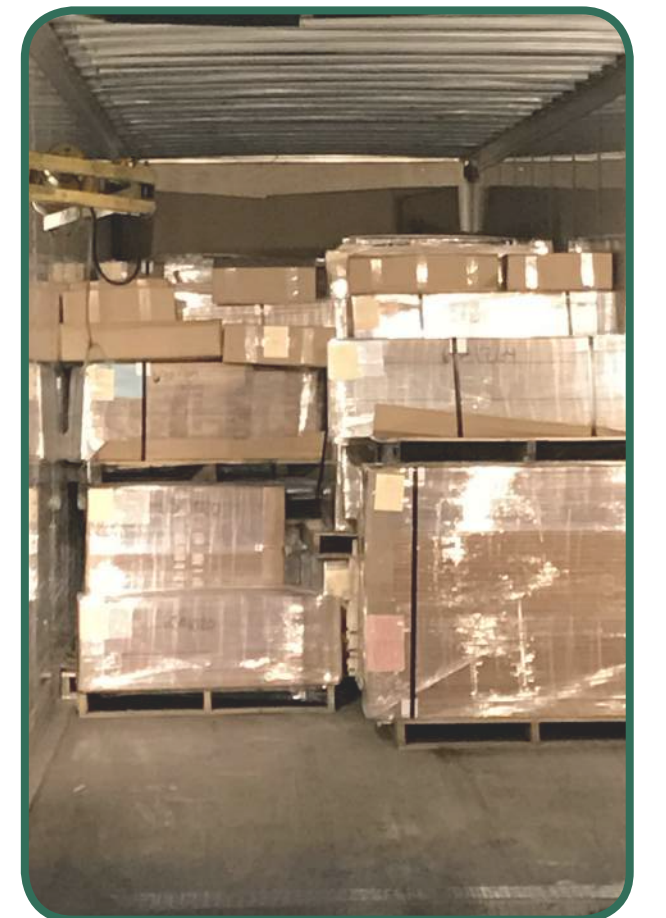
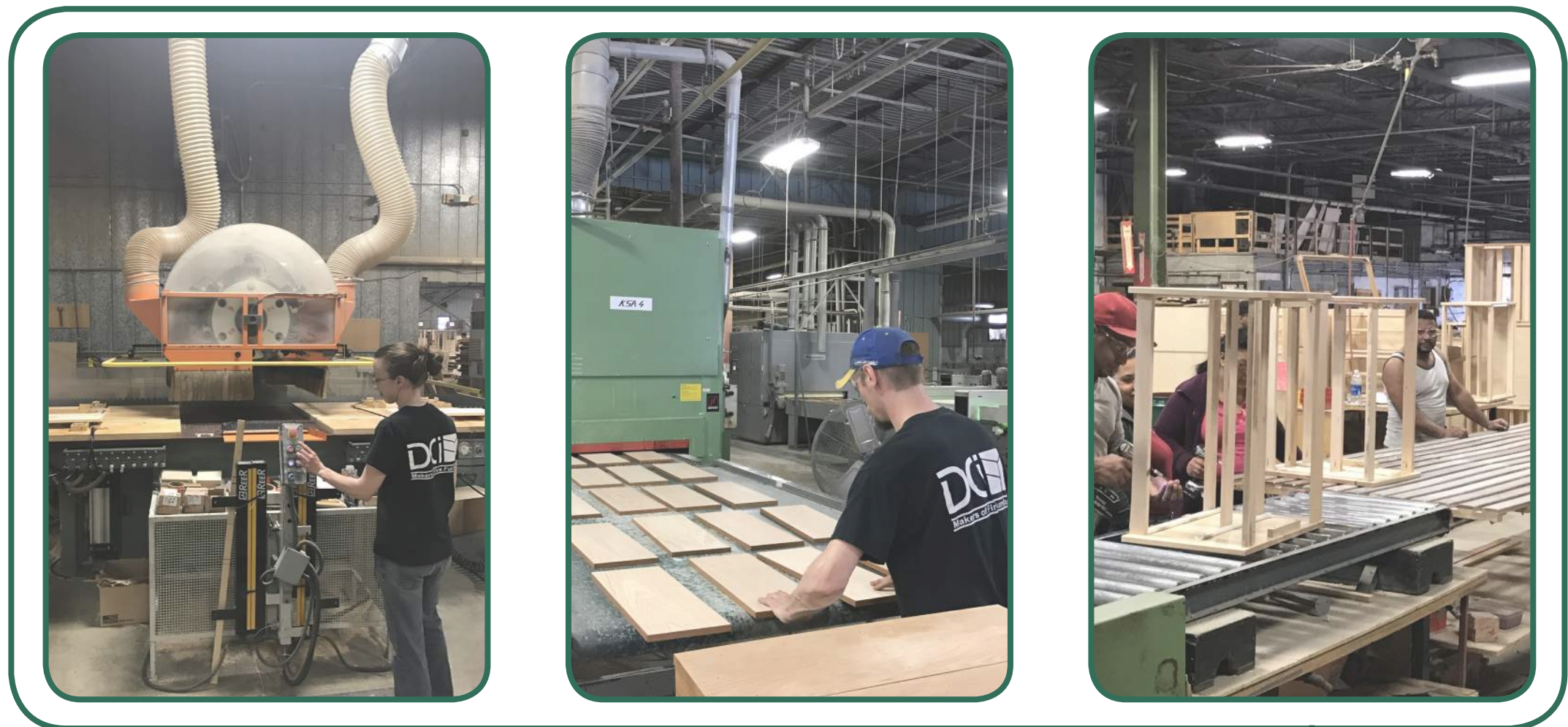
- **CLIMATE FRIENDLY & CARBON NEUTRAL**

DCI strives to continually reduce its carbon footprint. First, to avoid polluting the atmosphere with toxic gases, they use a Zero-VOC finishing system which features a chemical-free water-based stain and finish. The 100% efficiency design of this system generates no waste. Second, DCI minimizes fossil fuel consumption by harvesting local trees, burning wood waste and not oil, shipping via railway instead of truck, and creating long-lasting hardwood products, which serve as powerful carbon sinks. They also use bedsprings containing 95% recycled steel.

Based in Lisbon New Hampshire, DCI is a family owned, vertically integrated and local manufacturer, committed to the local job market and strengthening the immediate economy. DCI is also committed to their employees, creating over 300 local jobs with many staff members that have been with them for over 30 years.

- **FUN FACT**

The bedroom furniture in Merrill Place was custom built using local red and sugar maple trees. In all it took 35,000 board feet of lumber which equates to 750 logs or roughly 275 trees. These trees were harvested over a 20-acre area creating multiple shelter and feeding areas for wildlife as well as jobs for hundreds of local workers. Once the lumber was harvested it spent 3 weeks in DCI's kilns and over a month traveling through the different stages of the factory. The production process took over 5,000 man hours to complete, using only local labor.



**FOREST**

**HARVESTED**

**MANUFACTURED**

**DELIVERED**

**MERRILL PLACE**