

NATIONAL CENTER FOR CRAFTSMANSHIP DECONSTRUCT PROFILE



STEELE'S MARKET
333 W. MOUNTAIN AVENUE
FORT COLLINS, COLORADO

1950'S GROCERY STORE
PROVIDES AN INTENSIVE
SKILLS TRAINING PROGRAM



2,137 learner/volunteer
hours accumulated



90% of **construction waste**
diverted from the landfill
(over 1,200 tons recycled)



100% **job placement** rate
for DeConstruct students

preserve
enhance
sustain

22,000 square feet of commercial buildings DeConstructed

Full interior removal to salvage lumber (timber & dimensional), cabinets, doors, plumbing, electrical, mechanical; recycle wood, steel, copper

Registered U.S. Green Building Council (USGBC) - Future LEED Gold project

ABOUT THE NATIONAL CENTER FOR CRAFTSMANSHIP

The NCC is a 501(c)(3) Non-Profit Organization dedicated to the preservation, enhancement, and sustainability of quality craftsmanship.

Working with industry, institutional, and government partners, NCC provides education, training, community service, and research to support the retention and extension of craft skills at the local, regional and national levels. To learn more about the National Center for Craftsmanship visit us at www.nccraftsmanship.org.

STEELE'S MARKET

1950's grocery store provides an intensive skills training program

PROJECT BACKGROUND

Steele's Market had been a community fixture in Fort Collins since the 1950's, but in February of 2001 the owners of the family run store reluctantly filed for bankruptcy. The building was purchased in the same year and several plans were submitted for new construction projects, but each plan was rejected for a variety of planning and community reasons. The building was never occupied again. It soon fell into disrepair and in 2009 the new owner, Bohemian Companies, took the bold step to remove a community landmark. The Steele's family were informed, and were also relieved to hear that the Bohemian Companies would attempt to deconstruct instead of demolish. The National Center for Craftsmanship (NCC) was consulted to bring its technical expertise to the project.

DECONSTRUCTION BECOMES A LEARNING LABORATORY

Timing for this project was ideal since NCC had successfully assisted Larimer County Corrections in being awarded a State Justice Assistance Grant. The unique grant will train up to twenty-four women in deconstruction technologies and facilitate their transition back into the general population. The intensive training program rapidly teaches students deconstruction techniques in addition to a core set of construction skills ranging from commercial OSHA safety standards to using a circular saw. The rigorous program that NCC staff teaches certified five grant students in eight weeks. All of these students are now currently employed in construction related jobs. NCC also certified two additional technicians, one project supervisor and one project manager in DeConstruction through this project.

STRATEGIES AND RESULTS

Two buildings were removed from the site totaling 22,000 square feet. The commercial construction of the grocery store presented some challenges for NCC since they specialized in hand dismantling of structures. After several meetings it was decided that a two phase approach would be implemented. In phase one NCC staff and students would remove the bulk of the salvageable materials, and for phase two, the owner instructed the main contractor to systematically sort and separate all of the steel, concrete and waste with heavy mechanical equipment. All the recycling and waste was accounted for using LEED protocols, which NCC LEED AP staff monitored and documented. The construction waste management result was that over 1,250 tons of materials had been reused or recycled, culminating in a 90% construction waste management diversion rate. The project was also registered for LEED certification and 5 credit points have been submitted to the U.S. Green Building Council for approval.

"We found NCC to be an excellent partner in our project. They were keenly in-tune with our needs from start to finish and were organized, dedicated, and professional throughout the project. We will not hesitate to partner with them in the future, should the need arise."

Scott Ranweiler
Bohemian Companies



For the substantial benefits gained, DeConstruction through the National Center for Craftsmanship is a clear choice environmentally, educationally and economically.

