



Mechanical Engineering for the Northeast



NORTH COUNTRY CAREER CENTER
NEWPORT, VT

BLACK RIVER DESIGN
11,308 SQUARE FEET

The North Country Career Center Land Lab, located in Newport, Vermont is a small vocational-technical school housing forestry, building trades, heavy equipment and agricultural laboratories as well as a classroom and conference room. The facility is an 11,308 square feet single story with insulated metal panel wall system and rigid board insulated roof system. The mechanical system is a hydronic system with horizontal unit ventilators in the laboratories to provide heaters, make-up air and economizer cooling exhaust is provided by Carmon systems with flexible exhaust drops and augmented by roof fans to provide exhaust when the Carmon system is not used. Boilers are two high-efficiency Buderus boilers with lead-lag controls and primary-secondary injection pumping.

