



The USDA's National Detector Dog Training Center Facility is a campus of seven buildings totalling over 120,000 square feet where the USDA trains dogs to sniff out contraband goods. The center is located in Newnan, GA and was completed in 2009. Total construction time was approximately 2 years.\*



## ABOUT LEED®

The U.S. Green Building Council (USGBC) is a 501(c)(3) non profit composed of leaders from every sector of the building industry working to promote buildings and communities that are environmentally responsible, profitable and healthy places to live and work.

LEED is a nationally accepted benchmark for the design, construction, and operation of high performance green buildings.

LEED stands for leadership in energy and environmental design. The organization measures a building's sustainability in 5 key areas:

- Site Development
- Water Savings
- Energy Efficiency
- Materials Selection & Recycling
- Indoor Environmental Quality.

Visit [www.usgbc.org](http://www.usgbc.org) for more information.

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\*Total construction time was 12 months. Pricing, proposal, plans, permits and construction took 2 years.

# GREEN IS THE NEW GOLD



**ROOKER'S Design & Construction Of The USDA'S National Detector Dog Training Center Facility Certified LEED® GOLD**



# ROOKER

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# ROOKER

DESIGN :: BUILD :: DEVELOP



We Were Awarded A

## GOLD CERTIFICATION

Based On LEED®'s Five Measured Aspects Of Sustainable Construction

### MATERIALS

- 87% of all the debris materials we created during the construction project were recycled.
- Wherever possible, we used materials with recycled content (steel, sheet rock, ceilings, insulation, etc) .

### SITE DEVELOPMENT

- Highly reflective light-colored paving was installed on all exterior hard scapes (instead of asphalt) to help keep the local climate cool.
- White roofing was installed on all exterior buildings and walkways to reduce the facility's heat island effect on the local micro climate.
- Preferred parking spots created for carpoolers and fuel efficient vehicles.
- Bike routes and locker rooms with showers were built to encourage employees to bike to work.
- A flowing stream was built through the campus to make the environment more enjoyable for the employees and students — and the dogs!

### WATER SAVINGS

- An oversized storm water reservoir was built at the rear of campus to keep more run-off water on site and to protect the local fresh-water streams from contamination.
- Rainwater is harvested from the roofing into a 40,000 gallon underground rainwater tank.
- A rainwater reuse system uses the collected water for flushing the toilets and hosing down the dogs' kennels – saving thousands of gallons of water from the municipal supply every year.

### ENERGY EFFICIENCY

- High efficiency A/C units with energy recovery wheels were installed.
- Energy efficient fluorescent light fixtures outfitted with motion detectors were used.
- Solar powered water heaters were installed.
- A state-of-the-art energy management system and software interface was installed.

### INDOOR AIR QUALITY

- All HVAC ducts were sealed during construction to reduce dust and contaminants.
- Low odor paints and coatings were used.
- Fresh air was pumped into the facility once completed to avoid the unhealthy "new building" smell.

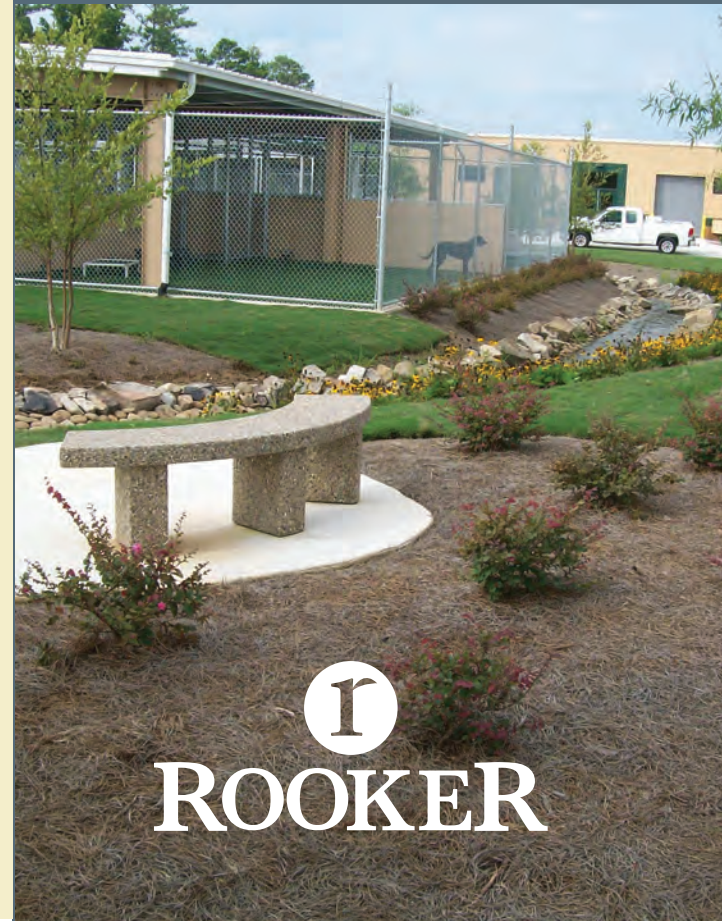
110,000 Gallons of Water Saved Annually

21% Savings on Energy Usage Each Year

470 Tons of Construction Waste Recycled

Installed Materials Have A Recycled Content of 31%

64% of Materials Originated within 500 Miles



**1**  
**ROOKER**