



University of Georgia | Double Bridges Livestock Complex



SHEEP BUILDING



BEEF/CATTLE PAVILION



BEEF/CATTLE FEED LOT

UGA ATHENS, GEORGIA | PROJECT OVERVIEW

Clear, grade and develop 10+ acre site in Clarke/Oglethorpe Counties for University of Georgia Animal Sciences School

- **Four (4) distinct buildings:**
 - **Sheep Building** - 4,900 SF pre-fab wood beams and trusses with metal panel roof and walls; includes specialty dairy curtain, partial slab and utilities
 - **Beef Feed Lot** - 17,700 SF steel columns with pre-fab wood trusses and metal roof panels; includes diamond-cut pattern on slab to prevent livestock falls, entirely open under roof, partial slab and utilities
 - **Beef Pavilion** - 4,500 SF steel columns with pre-fab wood trusses and metal roof panels; partial diamond-cut pattern on slab, open walls and utilities
 - **Student Support Building** - 2,700 SF stick-built with metal panel roof and walls with pre-fab roof cupolas and full interior finish
- Structures of conventional steel, pre-fabricated wood truss, conventional wood and pre-engineered metal construction
- Student Support Building contains classroom, labs and professors' offices with custom lab-rated cabinetry, sinks and mechanical systems



STUDENT SUPPORT BUILDING

For more information call 770.837.9638





UNIVERSITY OF GEORGIA DOUBLE BRIDGES LIVESTOCK FACILITY

PROJECT SUSTAINABILITY GOALS:

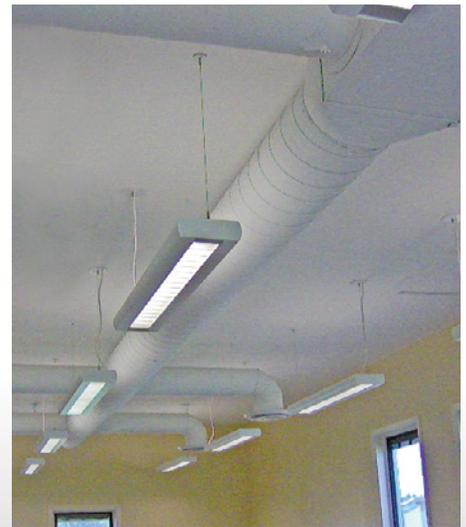
- Wood mulch was used for much of the erosion control, recycled concrete was used for road surfaces on the site and all structural steel used is partially-recycled
- The Student Support Building uses a rain water harvesting system to capture rain water for “gray water” usage (i.e., irrigation and janitorial)
- HVAC for Support Building is remotely controlled by UGA Environmental Services for maximum efficiency via internet connection
- All animal water is provided by an onsite well and all manure is to be harvested as fertilizer
- All lighting used is low-voltage/high-output fluorescent
- All electrical equipment is ENERGY STAR® certified



RAIN WATER HARVESTING SYSTEM



STUDENT FACILITY/SUPPORT BUILDING



HVAC REMOTELY-CONTROLLED BY UGA ENVIRONMENTAL SCIENCES VIA INTERNET

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