The Manetti Shrem Museum is a contemporary art museum whose roots go back to the 1960s when artists Wayne Thiebaud, Robert Arneson and William T. Wiley were among the first to be hired at the Department of Art. The new museum at UC Davis is named in honor of Jan Shrem, the founder of Clos Pegase winery in the Napa Valley, and his wife, arts patron Maria Manetti Shrem. The design of the Manetti Shrem Museum reflects the architects’ understanding that sustainability begins with fundamental choices, finding a new way to live with our environment.

SUSTAINABLE SITES
• Located on a former parking lot site and the fourth edge to Vanderhoef Quad, an open green space.
• Occupants have close access to public transportation as well as walking and bike paths to the campus core and downtown Davis.
• Ample bicycle parking & nearby shower and changing facilities.
• Adjacent carpool parking and alternative fueling stations. Priority parking for efficient vehicles.
• Diverse open space. Project site maintains 50% open space.
• Stormwater kept on site and filtered through vegetation.
• Highly reflective roof to reduce heat island effect.
• Site lighting designed to minimize light pollution and energy use while providing a safe environment.

WATER EFFICIENCY
• Reduced water use by 44% from baseline design by utilizing more efficient fixtures throughout building.
• Reduction of 57% in irrigation water use through drought tolerant plantings, drip irrigation, and smart controls.
ENERGY & ATMOSPHERE

- ASHRAE 90.1 model calculations demonstrate a 58% reduction in energy use over baseline case. University and outside consultant monitors and analyzes data of detailed energy use for one year.
- Highly efficient lighting system with all LED’s for art lighting and building-wide advanced controls system, including occupancy and daylighting response to reduce/turn off lighting when not in use.
- No CFC-based refrigerants in use.
- Thorough commissioning of all systems including mechanical, plumbing, power, telecom, lighting and the building envelope.

MATERIALS & RESOURCES

- Designated locations and program in place to support recycling and composting.
- 81% of on-site construction waste diverted from landfill.
- Minimum of 20% of building materials contain recycled materials.

INDOOR ENVIRONMENTAL QUALITY

- CO2 sensors to monitor and provide outdoor air as needed.
- Materials used throughout building comply with VOC limits.
- Walk-off grates and mats provided at entrances and designated filters at air intakes to minimize indoor chemicals and pollutants.
- No smoking or tobacco use.
- Occupant controls for lighting & HVAC.

INNOVATION & DESIGN

- Green cleaning program to reduce chemical use for occupants and the art.
- Reduction of mercury in lamps to support sustainable purchasing practices.

Jan Shrem and Maria Manetti Museum of Art’s LEED Platinum certification adds to the growing list of LEED-certified buildings at UC Davis.

For more information about UC Davis sustainability actions, please visit:

- sustainability.ucdavis.edu/progress/buildings/ratings.html
- sustainability.ucdavis.edu/action/green_workplace/index.html
- eco.ucdavis.edu
- campusmap.ucdavis.edu/sustainability