

Thermal Energy Storage Tank – 7,755,000 Gallons

Bethesda, Maryland USA



Client: National Institute of Health
Location: Bethesda, Maryland
Services: Design, Fabricate, Construct
Contract: Lump Sum
Schedule: November 2018

The National Institute of Health contracted CB&I Storage Solutions to build a Strata-Therm® Thermal Energy Storage Tank. The tank is designed to provide passive back-up cooling and prevent damage to multi-decade scientific research, in the event of a cooling loss.

The tank sits adjacent to the Walter Reed National Military Medical Center helipad, which requires compliance with FAA height regulations. Thus, the tank is constructed in a 33-foot deep concrete pit.

The system provides 45,000 ton-hours of cooling capacity to the campus. It features a horizontal insulation system, as well as a mosaic stone wall exterior and a vegetation screen that enhance the campus aesthetic.

Contact

915 N. Eldridge Parkway
Houston, TX 77079 USA

Tel: +1 281 588 6600

mcdermott.com

MCDERMOTT

CB&I
STORAGE
SOLUTIONS