



Thermal Energy Storage Tank

7.7M+ GALLONS

The National Institute of Health contracted CB&I 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.



CLIENT:

National Institute of Health

LOCATION:

Bethesda, Maryland

SERVICES:

Design, Fabricate, Construct

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