

Project Type

Airport Terminal

Size

600,000

Services Provided

C&S and TI mechanical design

Completion Date

2010

Owner

City and County of San Francisco

Architect

Gensler

Contractors

HVAC: Johnson Controls

References

William.J.Hadinger@jci.com,

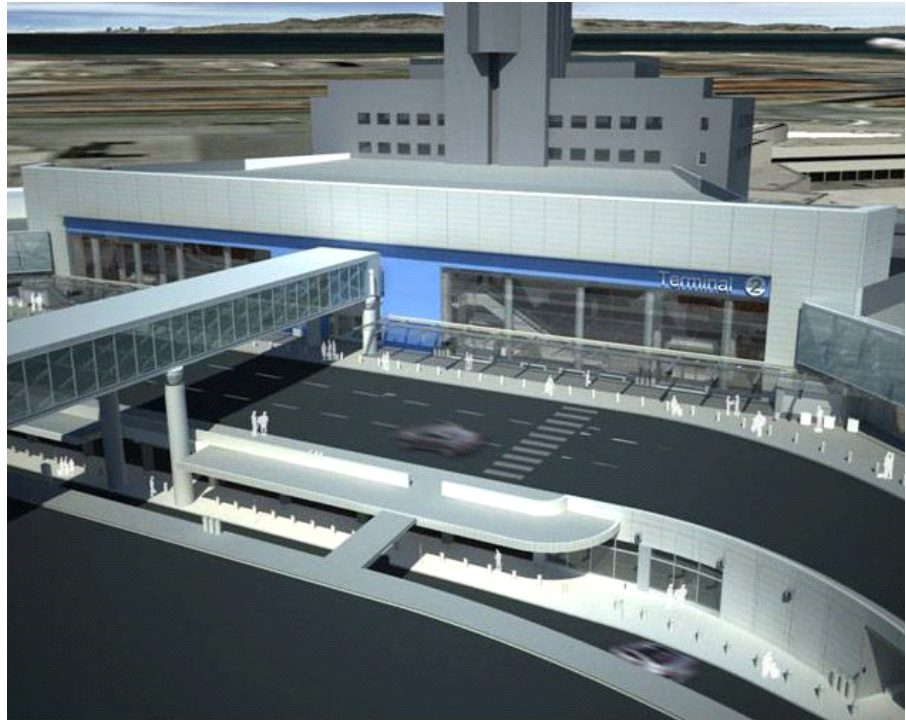
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LEED Certification

Gold



After being stripped to just concrete and structural steel, Taylor Engineering aided in a full remodel of SFO terminal 2. With this project, Taylor Engineering helped SFO Terminal 2 receive LEED Gold Certification.

Taylor Engineering served as the design/build contractor's mechanical engineer for the core, shell, and tenant improvements. Taylor Engineering identified over 100 major opportunities to improve upon the bridging engineer's design while still meeting the performance requirements, resulting in a lower energy design and over \$2 million in first cost savings. Opportunities to reduce energy cost identified by Taylor Engineering included elimination of return ducts, most FSDs, and reheat from VAV boxes.

The new mechanical systems at SFO Terminal 2 include custom air handlers with fan arrays and high efficiency filtration, both hot and chilled water from the airport's central plant, and displacement air distribution with baseboard convector heating in most locations including Ticketing, Luggage and Concourse. As well as overhead air distribution with VAV reheat in Boarding Areas and specialized HVAC systems for Server Rooms, Museum Display Cases, and other specialty spaces.