

**① Long Term Parking Entrance from Terminal B**

Enter at the northwest corner to gain access to solar array.

**② Electric Vehicle Charging Stations**

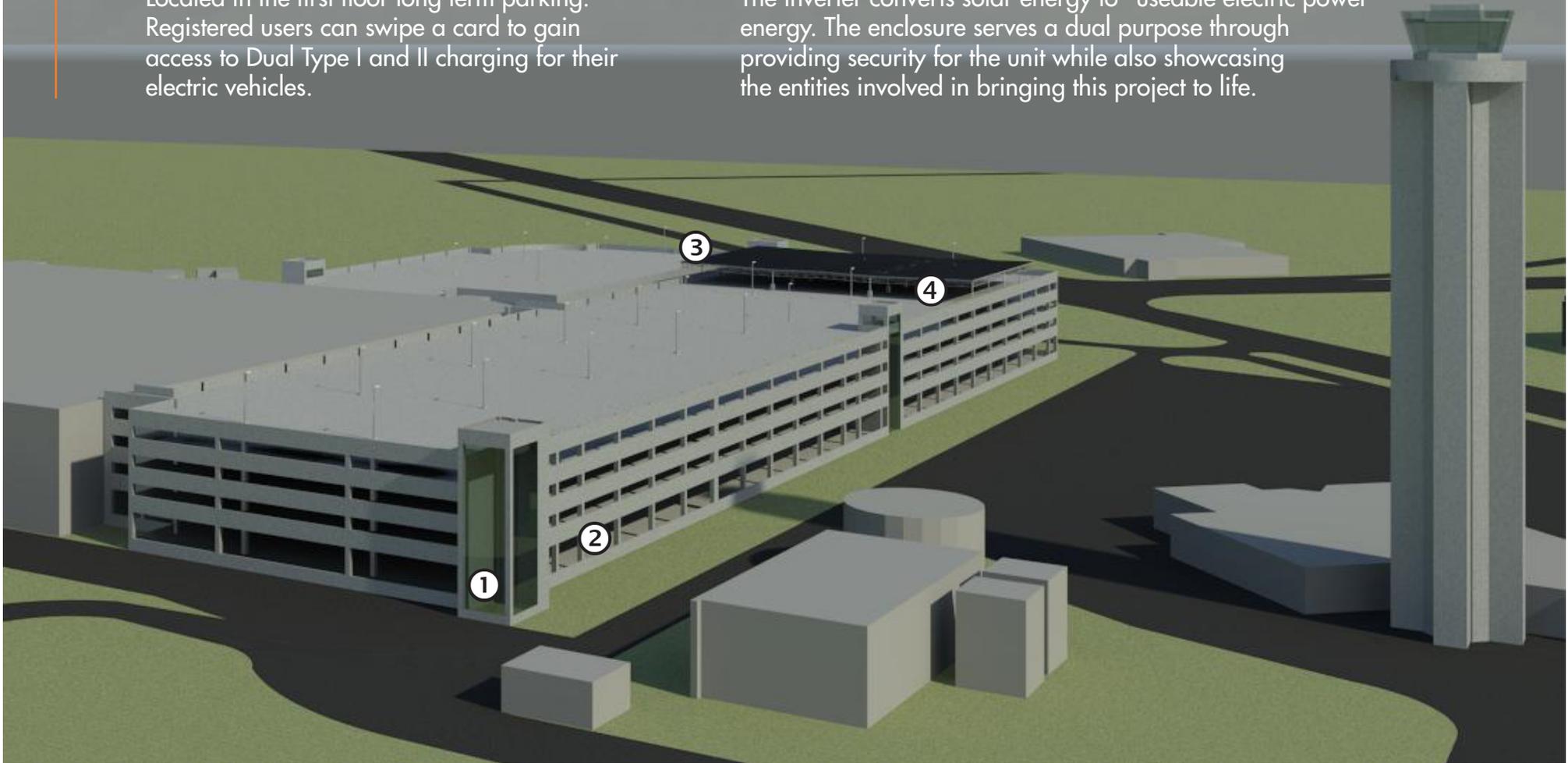
Located in the first floor long term parking. Registered users can swipe a card to gain access to Dual Type I and II charging for their electric vehicles.

**③ 235 KW Solar Array**

Located upstairs in the southwest corner of the fifth level, this array not only subsidizes the electric needs of the airport but also provides patrons with additional shaded parking.

**④ Solar Inverter & Enclosure**

The inverter converts solar energy to “useable electric power” energy. The enclosure serves a dual purpose through providing security for the unit while also showcasing the entities involved in bringing this project to life.



In late April of 2010, the City of San Antonio Capital Improvements Management Services Department, on behalf of the Office of Environmental Policy, released a Request for Qualifications for



Design-Build services on a new Solar Array at the San Antonio International Airport.

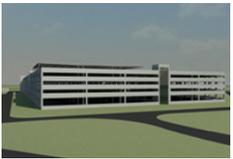
This program was funded by the Department of Energy formula-based grant to units of local government under the Energy Efficiency and Conservation Block Grant program. Funds for this contract came in whole or in part from a grant made available through the American Recovery and Reinvestment Act of 2009, whose purpose is to stimulate the economy and create and retain jobs.

The award of this project was based upon a qualifications submission as well as an interview process. Swinerton Builders was awarded the \$1.5 million project

Within the RFQ process, it was determined that locating this project on the roof of the newly completed long-term parking garage at the Airport would provide the best value to the City of San Antonio. This location was ideal in that it had a limited amount of obstructions, it already had both structural and electrical infrastructure to support the solar array, and was in a high-visibility location.

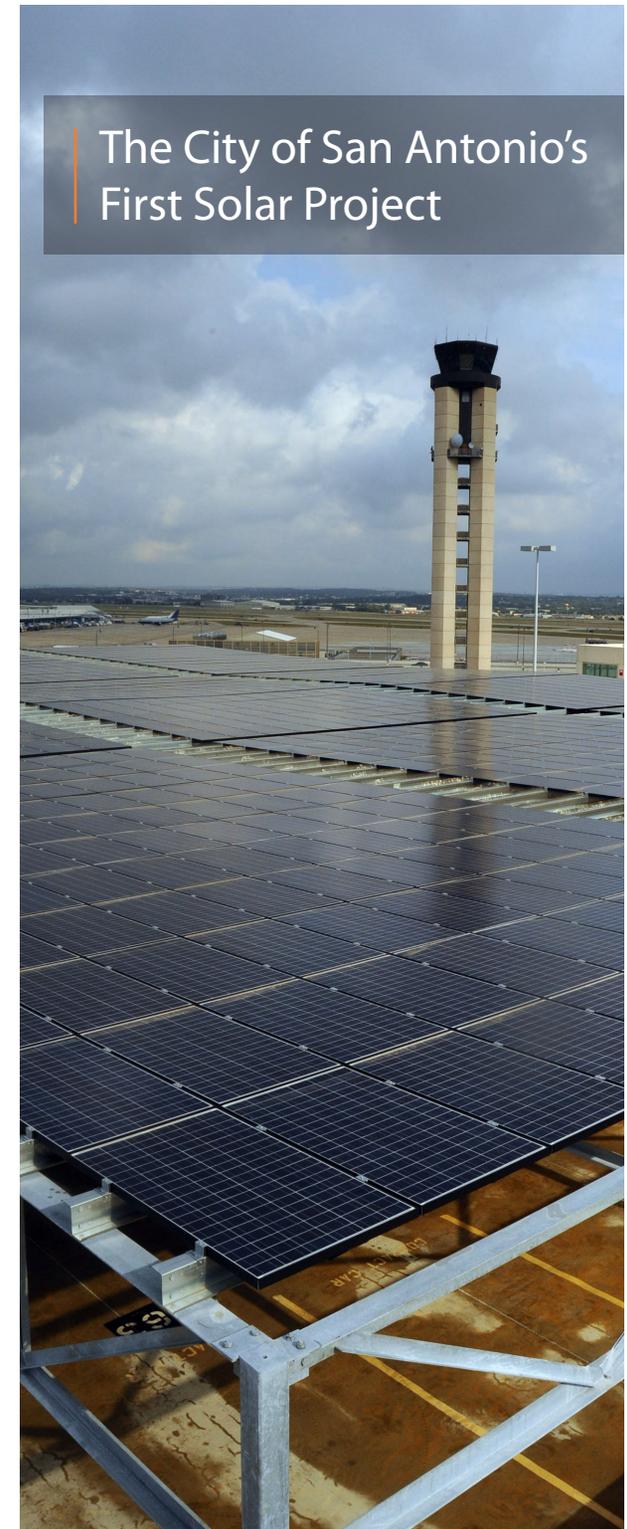


The project included a steel frame and truss support structure of approximately 20,000 square feet at the south end of the new long-term parking garage. This structure serves as the platform for the new photovoltaic modules, and also served as new shaded parking on the garage roof. The project provides 235 Kilowatts of power supplementation to the garage operations and FAA Administration Building. It is estimated that this new facility will save approximately \$20,000 in energy costs each year.



This project represents another key step toward the goals outlined by San Antonio's Mission Verde Sustainability Plan that includes investing in green technology, energy

conservation, renewable energy, efficient transportation and smart building. It is a positive reminder of the progress made toward the initiatives outlined and will also be a catalyst for future projects.



## The City of San Antonio's First Solar Project

