Miami International Airport's new TSA facility, funded with PFC revenue, represents the construction of a three-story, 76,449 square foot LEED Gold Certified building addition to house the new outbound baggage handling system (BHS) and its associated control room.

The facility expansion abuts to the terminal infilling an airside cavity between concourse G and H. The three-story steel and reinforced concrete facility is structured over pile caps supported by auger piles. The exterior is predominantly composed of Precast concrete panels mechanically fastened to the building's structural perimeter.

Glazed panel assemblies are large missile impact Dade County product approved as well as all exterior door types. This system safeguards the facility's integrity during a hurricane and provides additional sound and thermal insulation.

Roofing is composed of SBS modified Bitumen roofing system over polyisocyanurate insulation on Gypsum fiber roof board set over metal decking.

LEED Gold certification (**L**eaders in **E**nergy and **E**nvironmental **D**esign) ensures the facility is consciously designed as an environmentally green energy efficient, clean facility ensuring a smaller carbon footprint and providing a healthy environment for those occupying the space. Additional information regarding the points attained to achieve LEED gold status is provided in the accompanying LEED certification review report literature.

The facilities floors are designed for very specific tasks consisting of;

The first floor CBIS housing the 12 EDS Screening Machines, that screen all checked baggage for the South and Central terminals with any checked baggage requiring further TSA screening being sent to the Checked Baggage Resolution Area (CBRA) Located on the second level

Second level referred to as CBRA houses 102 Mobile Inspection Tables (MITs) an autonomous system programed to deliver suspect bags to one of fifty-two available search stations for secondary inspection.

The third level is available for future tenant spaces (and is not included in PFC eligible costs). The fourth level houses the mechanical support area for the building.