

# Mixed Income Senior Apartments Las Vegas, NV

2014 SIPA Building Excellence Award Recipient



STRUCTURAL INSULATED PANELS

BY INSULFOAM A CARLISLE Company



"We have used SIPs on our last 9 projects and will never go back to conventional framing. The SIP panels are far superior in time of construction and much less waste on a job site than lumber. There are never problems with the walls not being straight, like we faced in stick frame construction. We also pay all of the utilities on all our SIP projects and we have found great cost savings of power, especially in the summer months of Las Vegas."

- Sandra Bullock, CDPCN



## Project Profile: Mixed Income Senior Apartments

Developer Frank Hawkins of Community Development Programs Center of Nevada (CDPCN) is a nonprofit corporation that seeks to promote community and economic development and affordable housing in the state of Nevada. CDPCN has been working to revitalize parts of Las Vegas for years. As the builder, developer, and owner of their projects, they needed to use materials and methods that would reduce their building and operating costs in order to keep the units affordable. Critical to this goal is keeping energy costs low in the occupied units since CDPCN itself pays all utility bills.



[www.premiersips.com](http://www.premiersips.com)



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This is CDPCN's 9th affordable housing project that Structural Insulated Panels (SIPs) have been utilized, a 3-story apartment building housing 81 one and two-bedroom units. Premier SIPs offer regular savings of time, labor and construction waste. The building owners pay all building utilities and found the savings of energy costs were significant over other types of frame structures, especially in the hot summer months. SIPs also stand up well to the bumps and damage that can occur when families with small children regularly come and go in multifamily housing.

Structural engineering was extensively completed for this multi-story project with the help of Premier SIPs consultants and Structural Engineers that are extremely experienced with SIPs design and construction.

Other energy efficient materials used on this project include: solar panels, low E windows, tankless hot water heaters, low VOC paint and ceramic tile throughout.

All multi-family complexes Frank Hawkins owns that have utilized SIPs exceed ENERGY STAR requirements.



"SIPs are strong. You can't damage them as easily as conventional framing."  
- Sandra Bullock, CDPCN



### The Premier SIPs Solution:

**ECONOMICAL TO OPERATE:** Tight building envelope reduces heating and cooling costs by up to 60%, offering significant savings on operating costs as well as greatly reduced mechanical equipment needs

**FAST INSTALLATION:** Large, pre-cut structural panels allow the building envelope to be erected 50% faster enabling businesses to open sooner.

**HEALTHY:** Superior indoor air quality with reduced infiltration of outside pollutants, which can benefit those with respiratory ailments

**COMFORTABLE:** Warmer in the winter, cooler in the summer, ideal controlled indoor environments for building tenants

**EASY TO OPERATE:** Tight building envelope reduces HVAC mechanical equipment sizes and related heating and cooling over the life of each building

**ENVIRONMENTALLY RESPONSIBLE:** SIPs produce 30% less job-site waste than traditional construction

**LEED POINTS:** Up to 39 valuable environmental design credits can be awarded for use of Premier SIPs in commercial, new construction or major renovation



**Project Team**  
**Architect:** Winston Henderson Architects  
**Builder/Developer:** CDPCN  
**Project Size:** 41,150 sq. ft., 3-story building

