



Patel Burica & Associates, Inc.

structural engineering

## Multi-Family



The Grove - Senior Apartments  
Garden Grove, California

Developer: Global Premier Development, Inc.

Architect: KTGy Group, Inc.

Description: A tax credit project with a compressed schedule, Garden Grove Senior Apartments has 85 total units in one four-story building. The building also includes leasing offices, recreation room, mail rooms, a trash enclosure, and eight garages. Structural challenges included a 5' long cantilever at the garage and an open floor plan at the recreation room, both supporting three levels of living space above. There was also a five-story stair tower, which provided access to the roof. The building is supported by a post-tensioned mat slab foundation, wood framed shear walls, steel moment frames at the garages, 2x floor joists, and a trussed roof. PBA provided full service structural engineering services including design of the post-tensioned mat foundation, design of the building structure, structural observation, and field support during construction.

