

HOUSING PROJECTS

PSM has many years of experience in the structural design of residential projects, ranging in size from single family residences to mid-rise hotels and apartments. A representative list of our recent residential projects includes:

TIRUPATI BALAJI TOWN **Surat, India**

PSM has designed two different structural systems for the forty buildings in this complex, which is targeted toward low income workers. The structural types include conventional concrete frame and slab, and a composite system using steel columns and concrete slabs. The composite system will allow faster construction in this new development.



ECHO LAKE APARTMENTS **Seattle, Washington**

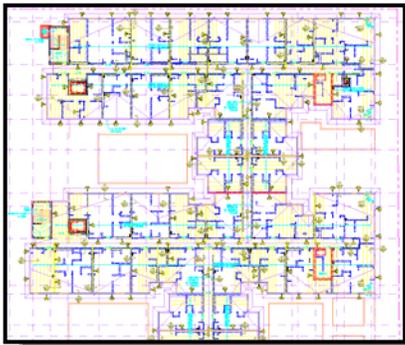


Design of a multi-building complex. Multiple framing levels over post-tensioned slabs and parking.



Housing Projects (continued)

143rd and LINDEN APARTMENTS Seattle, Washington



This 414 unit apartment building is specifically targeted for low income workers, and provides affordable housing close to transportation and other amenities. Approximately \$40 million project including 5 stories of apartments above street level retail and 2 levels of underground parking.



SEATTLE HOUSING AUTHORITY “HOMEWORKS” RENOVATIONS Seattle, Washington

This ongoing, three-phase project involves the upgrade of mechanical and architectural systems for 22 mid- and high-rise low-income residential buildings in Seattle. PSM provided structural engineering support for these upgrades, which included new mechanical units and piping, in some locations new window installations, new elevators, and other items.



MONTREUX APARTMENTS Seattle, Washington

Design and construction support for this condominium in downtown Seattle. Five stories of framing supported on post-tension slab.



Housing Projects (continued)

UNION RESIDENCY Surat, India



This complex of four 11 story buildings, currently in design, features concrete construction and a skybridge linking the buildings. PSM is leading the team designing the structure.



SANDPOINT 9, 26N and 254 - SEISMIC STUDIES Seattle, Washington



For the City of Seattle, PSM provided a seismic study of three buildings at the former Sandpoint Naval Station. Possible uses included conversion to low-income housing.



DOWNTOWNER APARTMENTS SEISMIC DAMAGE REPAIR Seattle, Washington

PSM provided evaluation and repair services for the Downtowner Apartments, a nine-story, 80-year old concrete building, after a Major Earthquake. We investigated the condition of the building hours after the earthquake, allowing residents to return to their apartments. PSM also designed repairs for a large horizontal crack on the east shear wall of the building. We recently completed a repair for façade elements. This building is an important part of Seattle's housing stock for low income residents.

