

Project Name: HYURANOC CHAPAGRUTUNL

Project Number: 2013-64

Location: Yerevan, Armenia

Client: Kouyoundjian Development group

Contact: Pierre Kouyoumdjian

PSE provided structural engineering services for the retrofit and renovation of this soviet era city block building located in Yerevan, Armenia. The building is a 7 story precast concrete construction built in the soviet era, construction was stopped at the collapse of the soviet union. The building was intended to house a market, open courtyards and apartment buildings. The building mechanical system had a central heating and cooling system. The seismic upgrade included concrete walls, and new foundation systems as well as drag beam elements. The structural upgrade design was tailored so that most of the structural system could be salvaged and the building remain.

As part of the design, a portion of the 7th floor (uncompleted and exposed to weather had to be removed to salvage the building).









