McNEIL ENGINEERING™

WILMINGTON GARDENS
Multi-Use Residential Project

PROJECT DESCRIPTION:

- The Wilmington Ave project has one level of underground parking, 2 levels of commercial and 5 Levels of apartments and townhomes. The design team worked well to design the structure using CAD software Revit Structures; fully integrated physical and analytical modeling software for use in BIM design.

- The project was constructed with post tensioned floors for the parking and podium levels with concrete walls and columns. Masonry for the West Side retail space with timber for the townhomes above and 2x timber walls with plywood web joists for the floor and roof structures for the apartments.

- The challenge and goal of the Salt Lake Redevelopment Agency for this relatively small land parcel was to protect and enhance the riparian corridor, energize and drive the unique small business sector of the Sugarhouse community, create a public plaza gathering venue suitable for concerts, farmer's markets, other community uses, and provide affordable housing units in a community that is lacking in that regard.

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