GREEN ROOF
The green roof helps to clean and filtrate the rainwater, while reducing heat gains to the building.

RAINWATER COLLECTION
Rainwater is captured, filtered, then re-used for landscape irrigation.

GREYWATER RECYCLING
Greywater is collected and treated on site. Recycled water is stored and used for landscape irrigation and toilet flushing.

SUN SHADING
Extruded facade fins provide sun shading while still allowing direct sunlight into the housing units.

NATURAL LIGHT AND VENTILATION
The facade system allows fresh air and natural light into the center of the building. Plantings at the trellis improves the air quality.

URBAN AGRICULTURE
A vertical farm at the top of the building connects residents with food production and provides the community with locally grown produce.

CHIMNEY EFFECT
The central atrium provides passive ventilation throughout the building. Operable louvers at the top allow warm air to escape.

PUBLIC ART
Interior surfaces provide opportunities for residents and the community to personalize their environment, adding to the existing vibrant street murals of the Mission District.

CROSS VENTILATION
Single-loaded corridors allow for cross-ventilation through the housing units, providing natural air flow and temperature regulation.

COMMUNITY SPACE
Community rooms, including a daycare and recreation rooms, are provided at the base of the building and are open to the public.

PUBLIC GREEN SPACE
The roof of the existing building becomes a public green space for the community. Plantings reduce heat gains to the building below.

WATER TREATMENT
Building greywater is collected and treated on-site, then stored for future use.