



< APARTMENTS

GARDEN >



Design Vision

Within the soaring space of the historic Hunt Armory lies an opportunity to create a unique community in the middle of one of the city’s most desirable neighborhoods. State-of-the-art, sustainably minded apartments combined with an active “secret garden” green space provide residents and the general public access to an exceptionally memorable Pittsburgh experience.

OPPORTUNITY Merging apartments with a public garden space.

Above: a lush terrace in New York City, the Eden Project in Cornwall, England

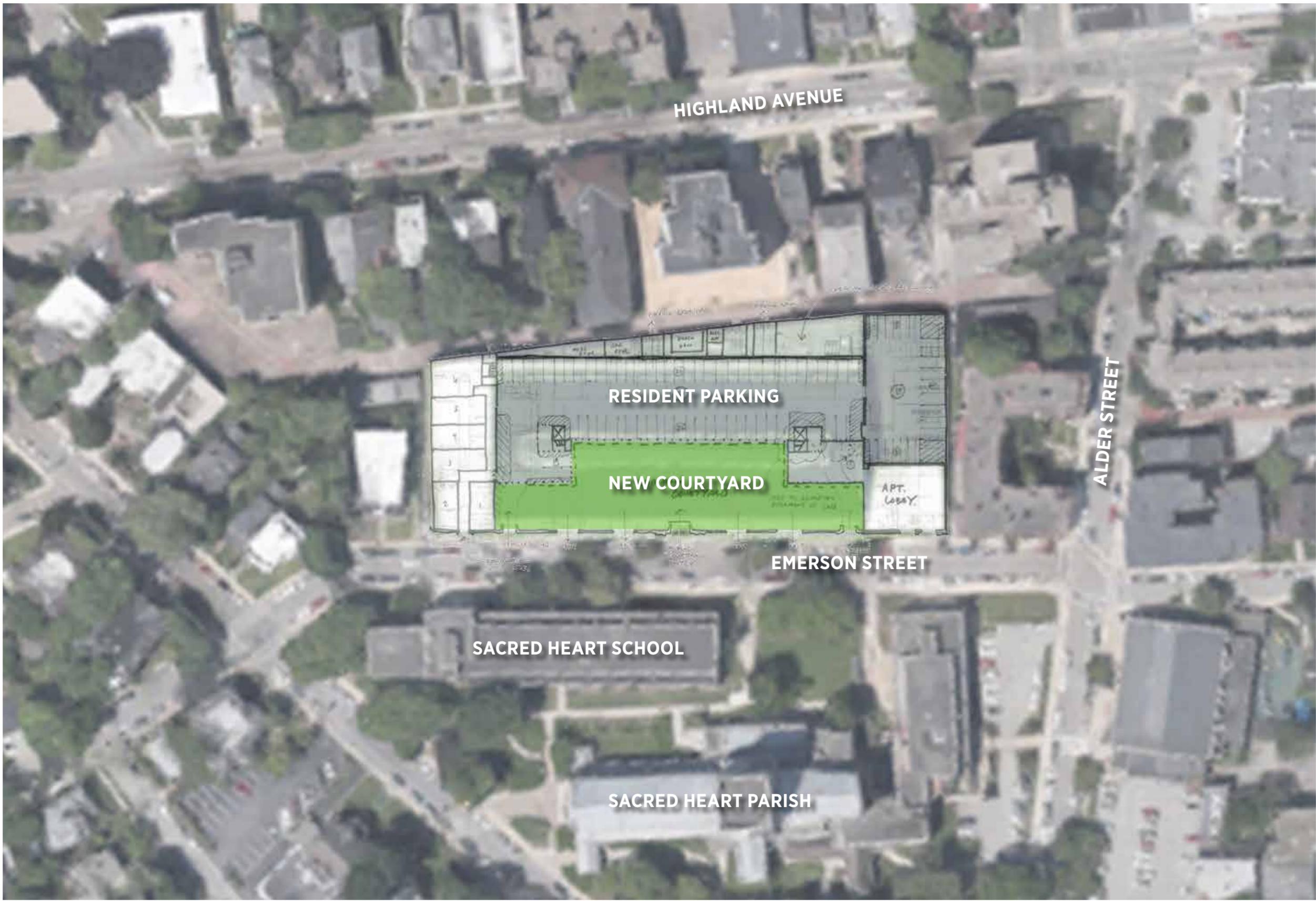


Design Vision

The common courtyard anchors the center of the space and maintains the special character of the historic light-filled volumous truss space. A large portion of the roof will be removed allowing sunlight, fresh air, rain, and snow to influence the space and sustain a variety of plants. The architecture is pushed to one side of the Armory and becomes an energetic backdrop to the courtyard.

The garden space is envisioned as an urban oasis – a jewel in the crown of the local streetscape of street trees and curb verges. The species selections accomplish two goals – hardy survival within the Pittsburgh weather, and delight of the senses for residents and visitors.

TRANSFORMATION From simple utility to community centerpiece

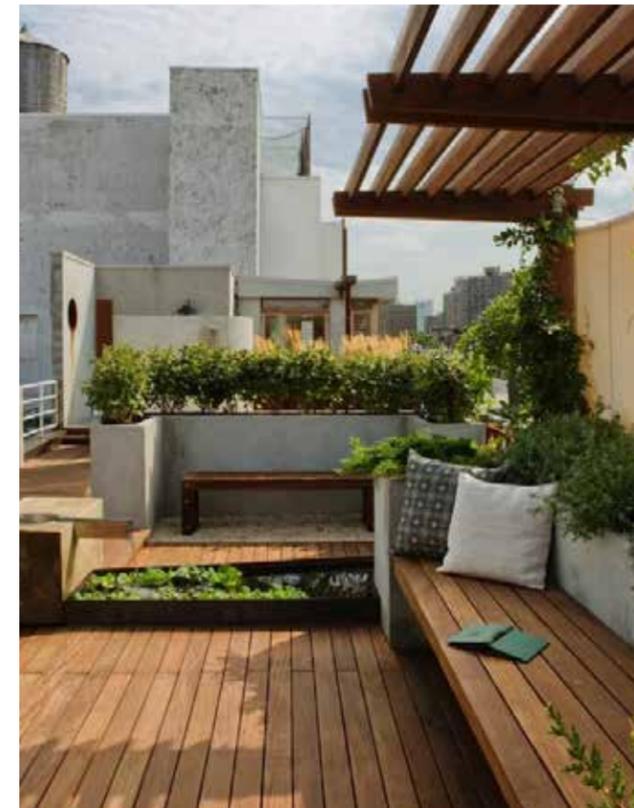
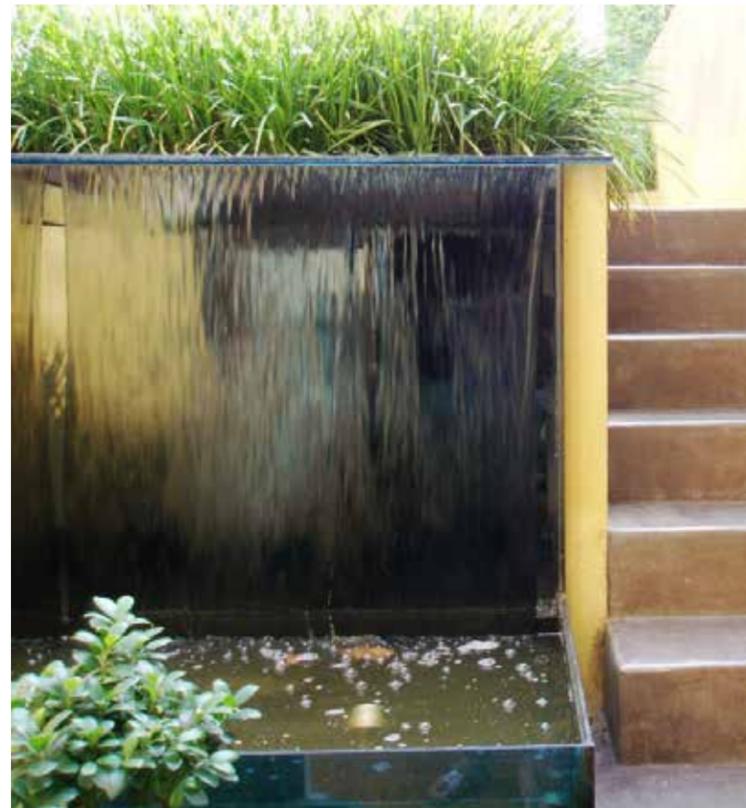


Neighborhood Connections

The new courtyard sustains this mission by providing play space and gathering opportunities for residents, children and faculty from Sacred Heart School, and others from the surrounding community.



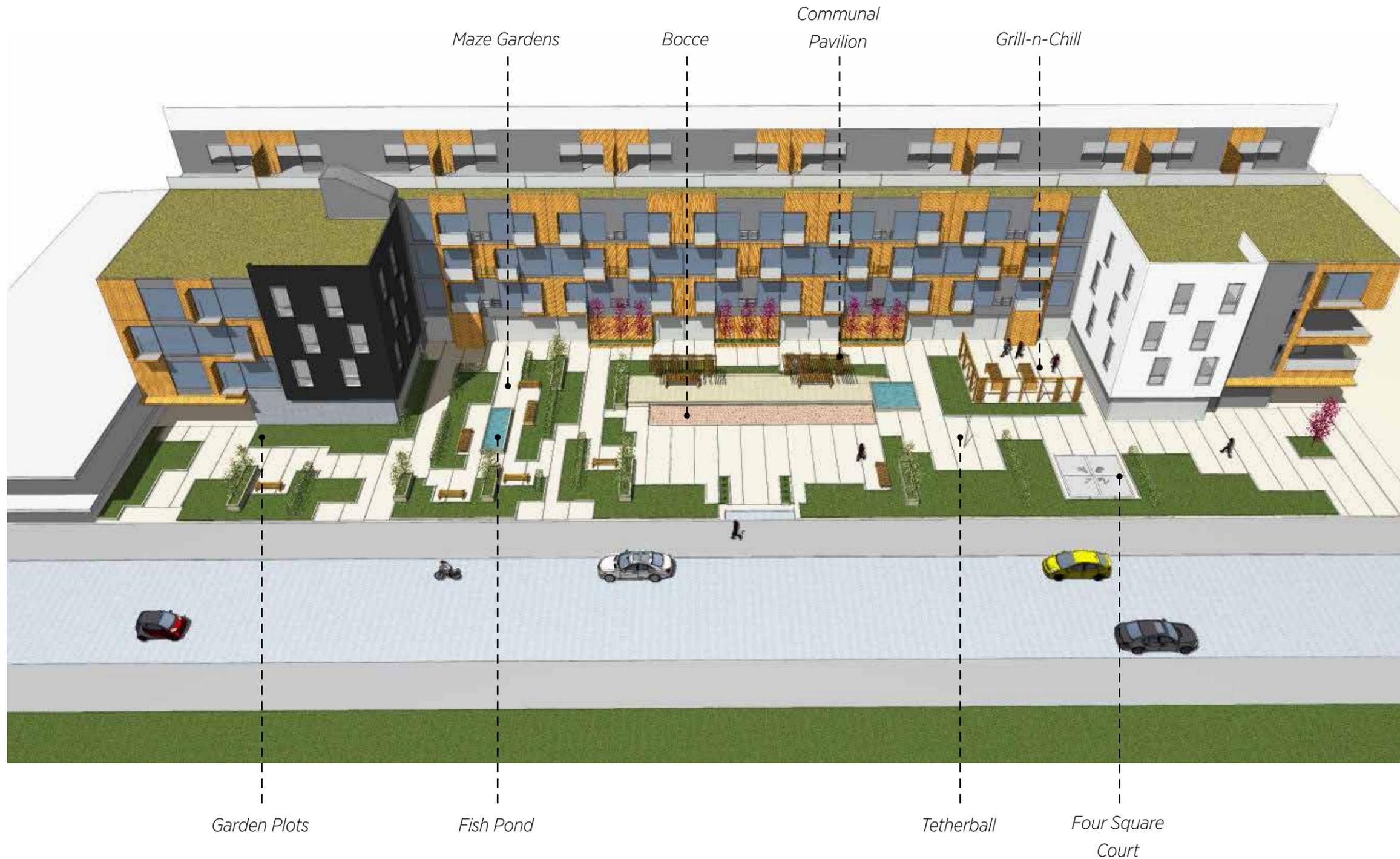
HEART OF THE COMMUNITY Examples



URBAN SENSORY RETREAT Examples



GATHER AND PLAY Examples



Being in the Garden

The garden at the Armory is like a playground for residents and visitors where they can unwind through recreation and relaxation.

The plant design palette uses indigenous species for the 'ambient background' functions of structure, privacy, space delineation and shade. Locally adapted species provide seasonal accentuations through color, scent, fruit and flowers.

Residents may sign up for plots for personal gardening. There is a centralized organic composting station for residential food waste. Integrated pest management will be practiced and residents will learn how to create urban 'green moments' and then carry that skill on for the rest of their lives.

In this way the Armory continues to serve as a community protector, but with a more pastoral and pacific result than in times of conflict.

GATHER AND PLAY Extending Emerson Street to Inside

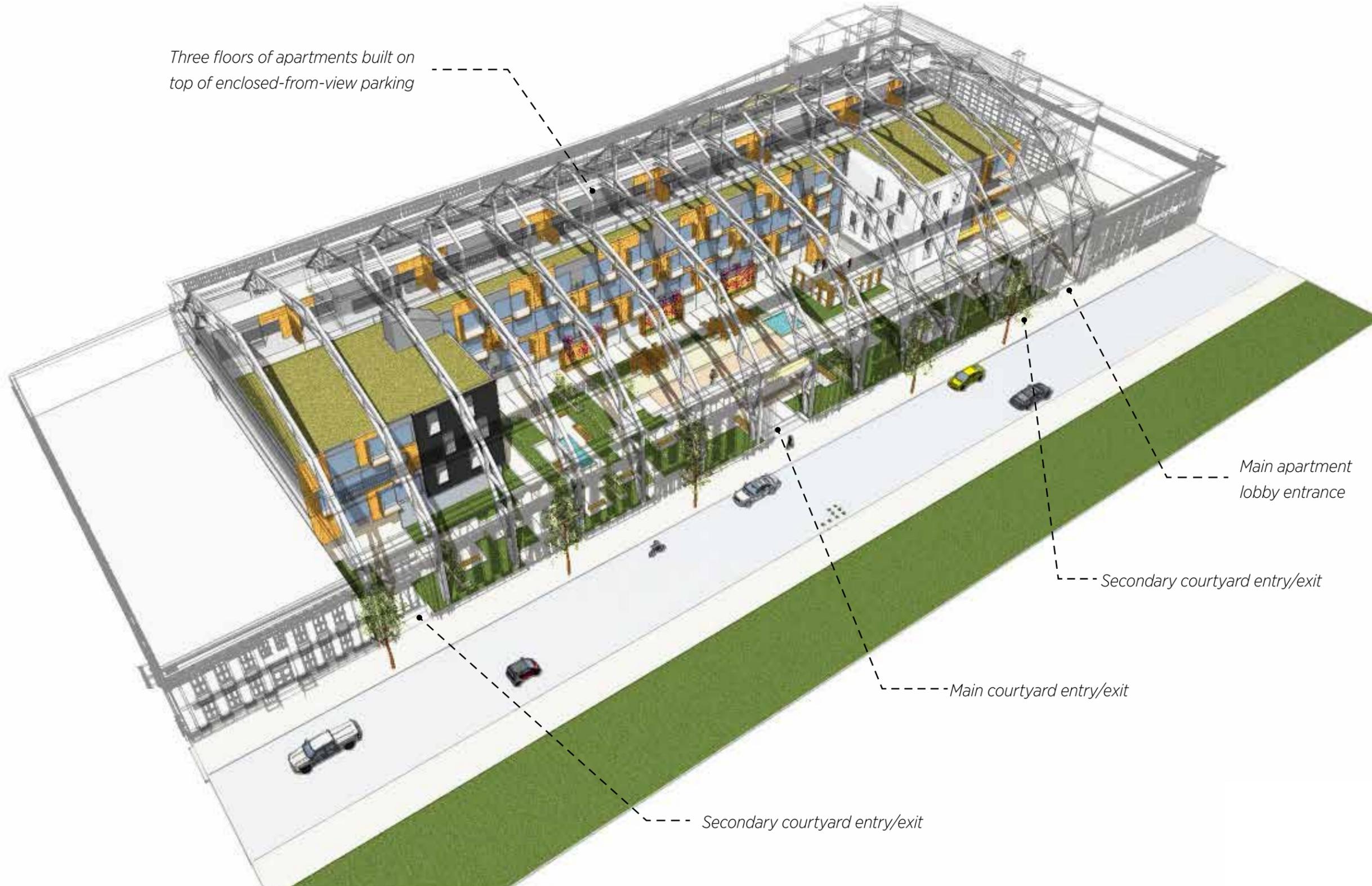


ACTIVE LIFE STYLE AMENITIES Examples



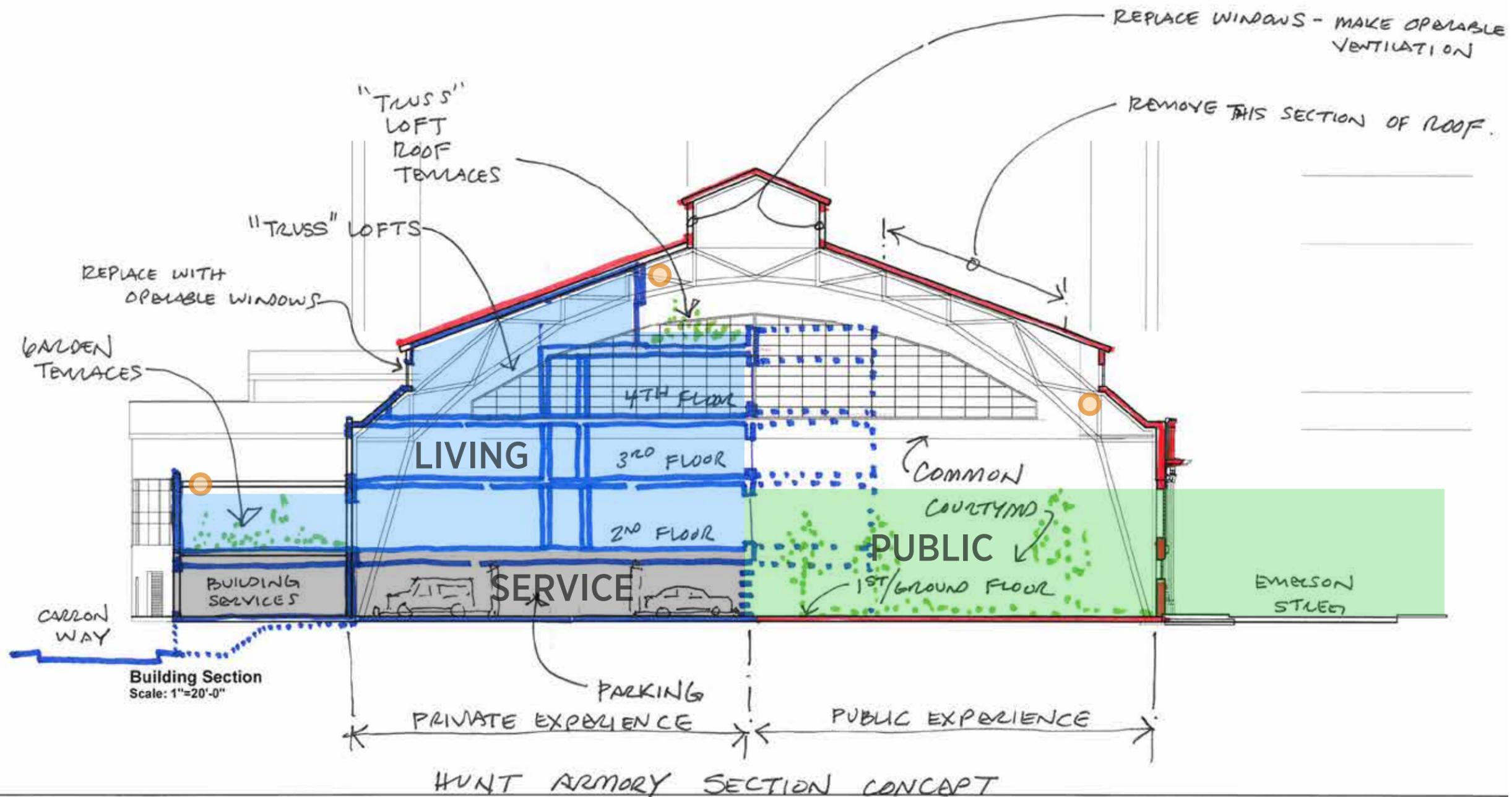
UNPLUG AND WORK “OUTDOORS” Examples

Three floors of apartments built on top of enclosed-from-view parking



Design Vision

The sheer scale of the Armory's main hall, in conjunction with the side and rear "additions," allows 106 best-in-class residential apartments to be built within the historic building shell. 79 parking spaces, accessible from Carron Way, are placed below the apartments and within the Gun Shed.

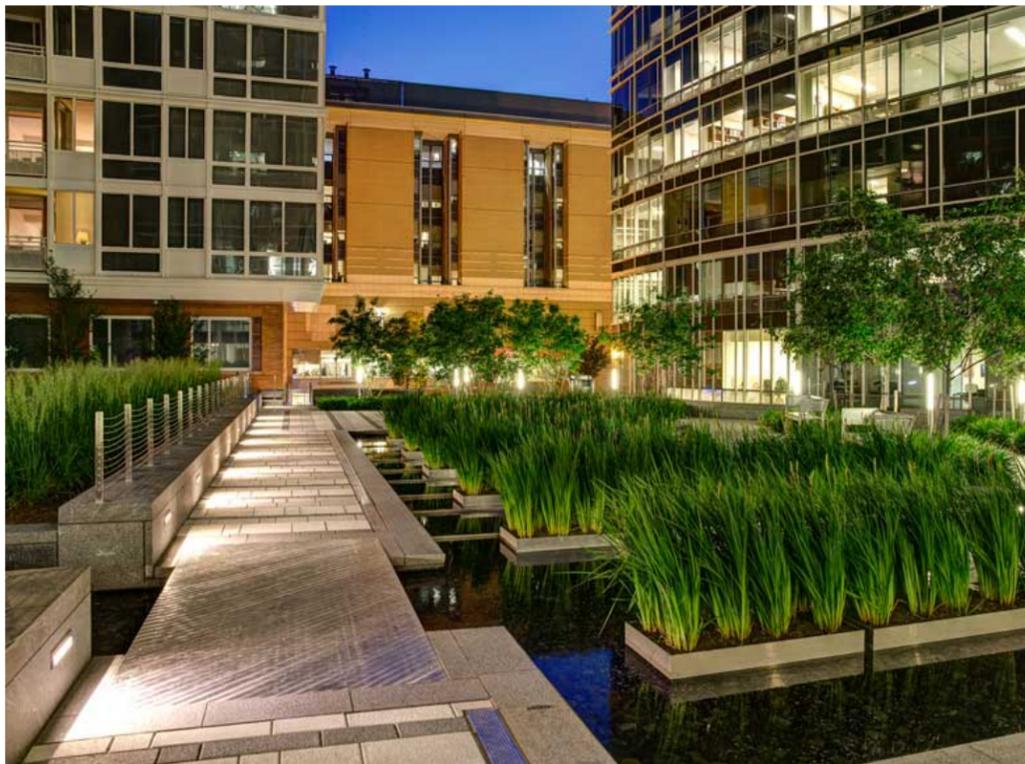


Vision Cross-section

Placing the 3-story apartment building on top of a 1-story parking podium at the rear wall of the Armory allows nearly 50% of the units to directly engage with the historic trusses of the main hall. Garden terraces are provided for at the second floor along Carron Way and at the upper "truss-loft" units. The courtyard provides adjacent units with views of a dynamic and social landscape.

Support of the garden spaces is through a self-contained net-zero landscape system. Water is captured off of the barrel vault and stored on the upper level in 'rain beams' (shown in orange). An irrigation system is gravity-fed to the planting beds, and the flow is directed through a simple digital control system accessed through a phone application.

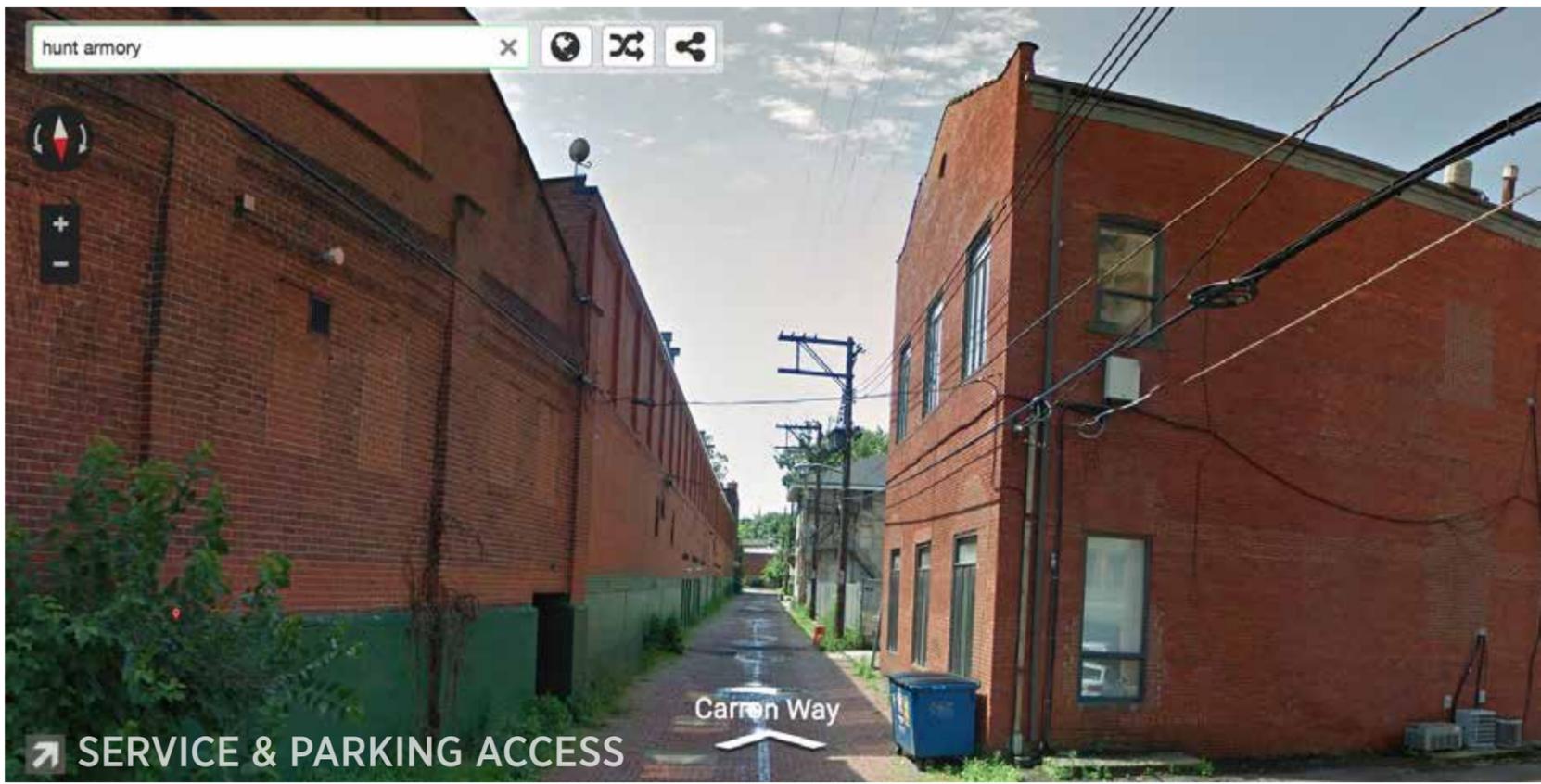
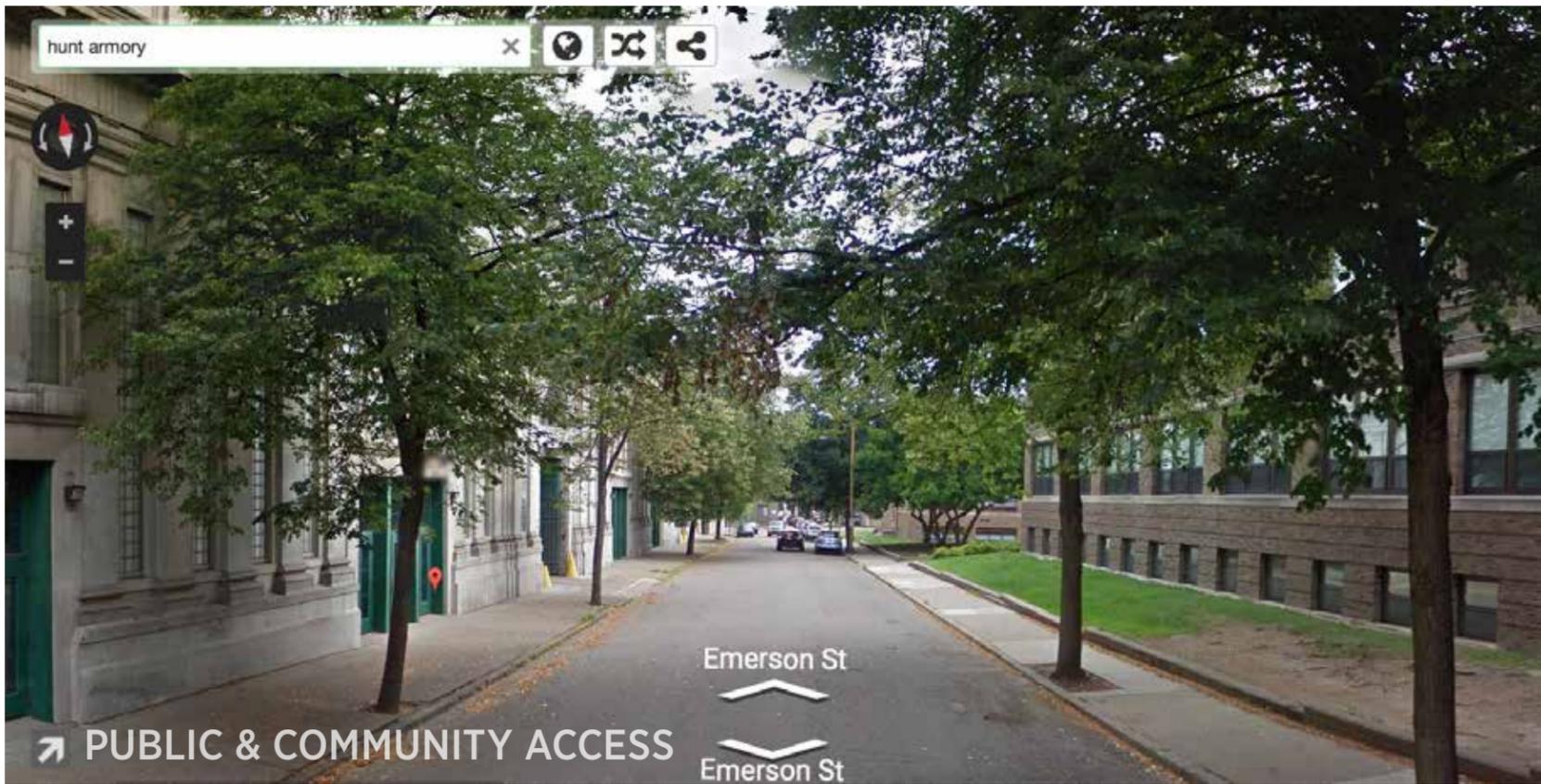
MERGING INSIDE AND OUTSIDE Building Section



A PLEASANT PLACE TO BE Examples



MINIMAL INFRASTRUCTURE IMPACT



MAINTAINING CURRENT USE SEPERATIONS



Project Realization

The Hunt Armory Flats and new garden will bring a lush and playful vitality to this dormant historic place.



A COMPLETELY UNIQUE PITTSBURGH EXPERIENCE