



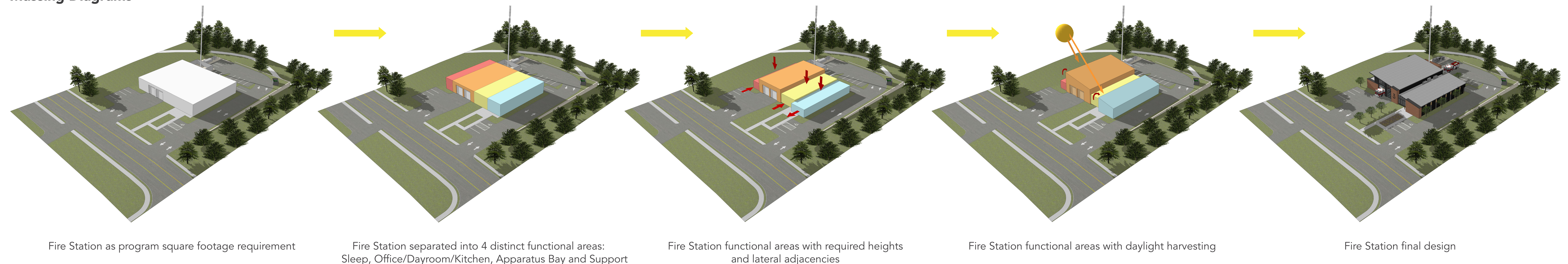
MORE THAN A FIRE STATION

St. Charles Fire Station 2

St. Charles, Missouri

The new fire station is a 9,400 sq. ft. mission-critical facility designed to remain fully operational during and after natural disasters. It replaces an aging facility with a new location that will significantly improve emergency response times for the surrounding community. The design includes three drive-through apparatus bays, six private bunk suites, a fitness center, and modern living quarters, tailored to meet the operational and wellness needs of first responders. With a design tailored to the local neighborhood - mid-century modern aesthetic that is contextual to the 1950's suburban context - the new fire station is a civic investment in safety, preparedness and neighborliness. Part of the city's broader plan to upgrade its emergency infrastructure, this facility represents the next generation of fire service design.

Massing Diagrams





Design for Integration

This mission-critical facility integrates functionality with long-term resilience, supporting both day-to-day operations and disaster response.

Design for Equitable Communities

By improving response times and access to emergency services, the station strengthens public safety and serves all citizens more effectively.

Design for Change

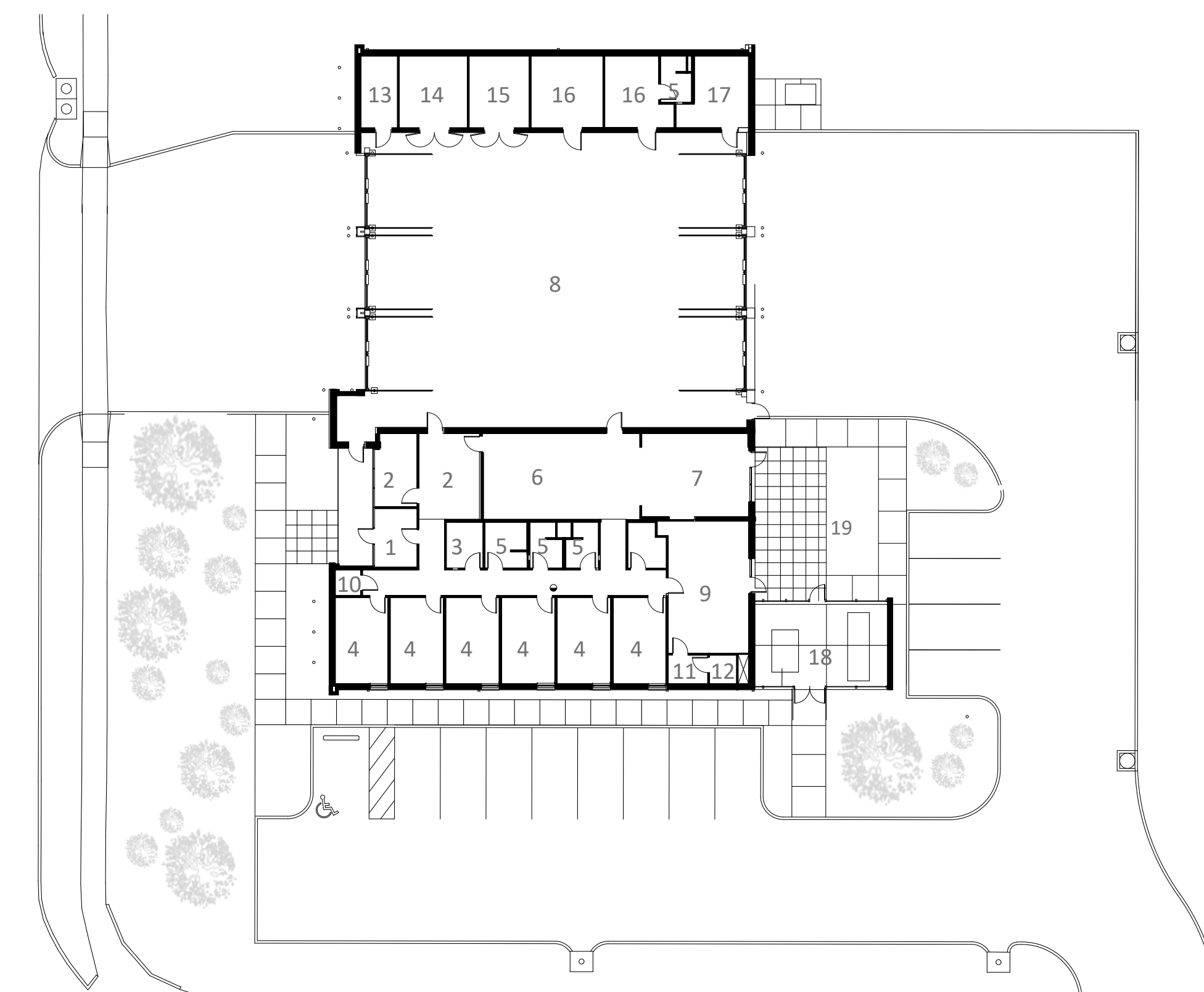
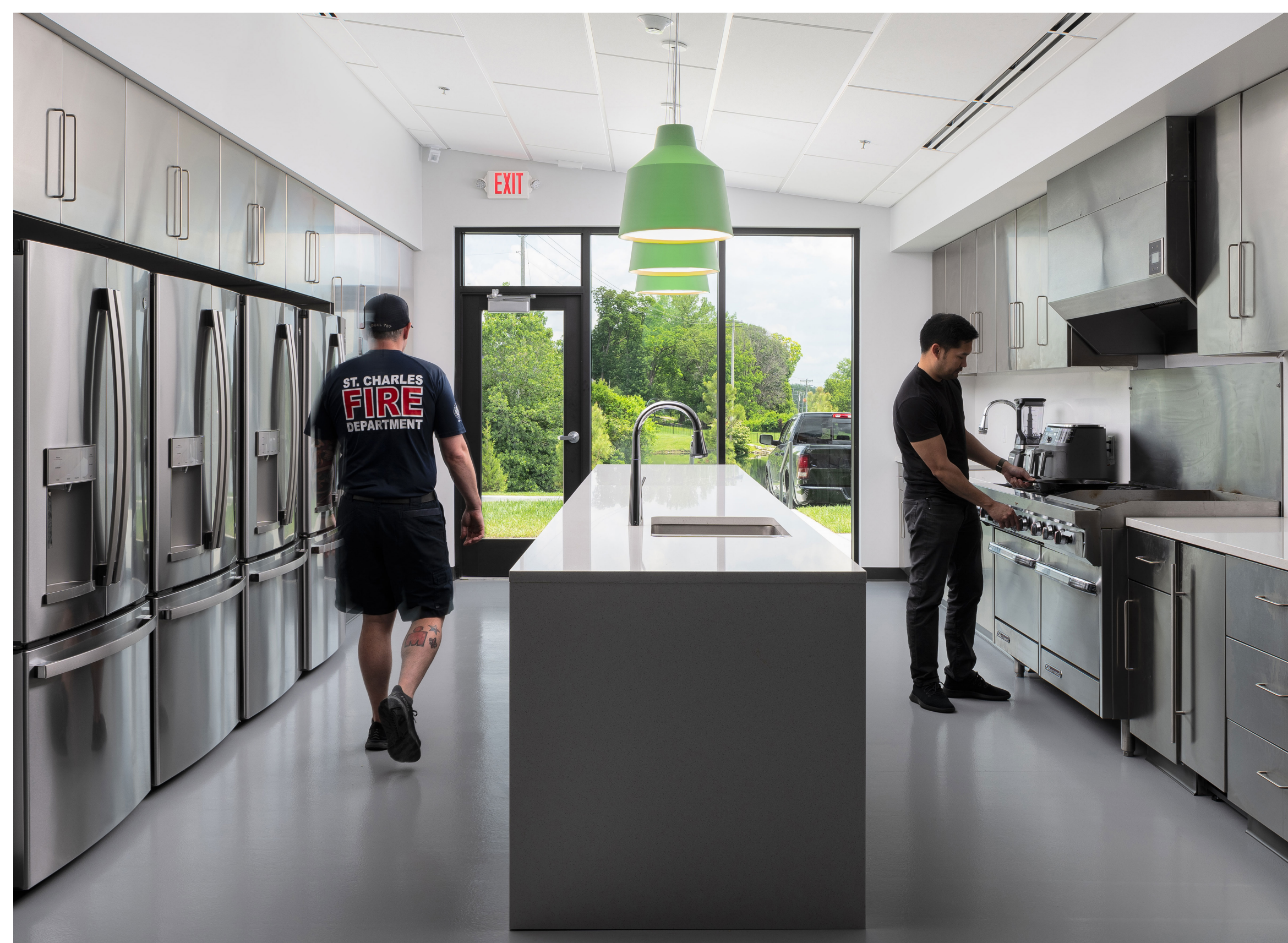
The building is designed for long-term adaptability, with spaces that can evolve alongside departmental needs and emergency service standards.

Design for Well-being

Private bunk rooms, a fitness center, and carefully designed living spaces promote rest, recovery for improving the mental and physical health of firefighters and EMS crews.

Design for Resilience

As a Category IV structure, the facility exceeds standard code requirements to ensure life-saving continuity in the face of extreme weather or disaster events.



Floor Plan

- 1 Vestibule
- 2 Office
- 3 Restroom
- 4 Bunk Room
- 5 Bathroom
- 6 Day Room
- 7 Kitchen
- 8 Apparatus Bay
- 9 Fitness
- 10 Janitor's Closet
- 11 Electrical
- 12 IT
- 13 Sprinkler Room
- 14 Work Shop
- 15 Self Contained Breathing Apparatus Storage
- 16 Gear Turnout
- 17 Storage
- 18 Mechanical Enclosure
- 19 Outdoor Patio