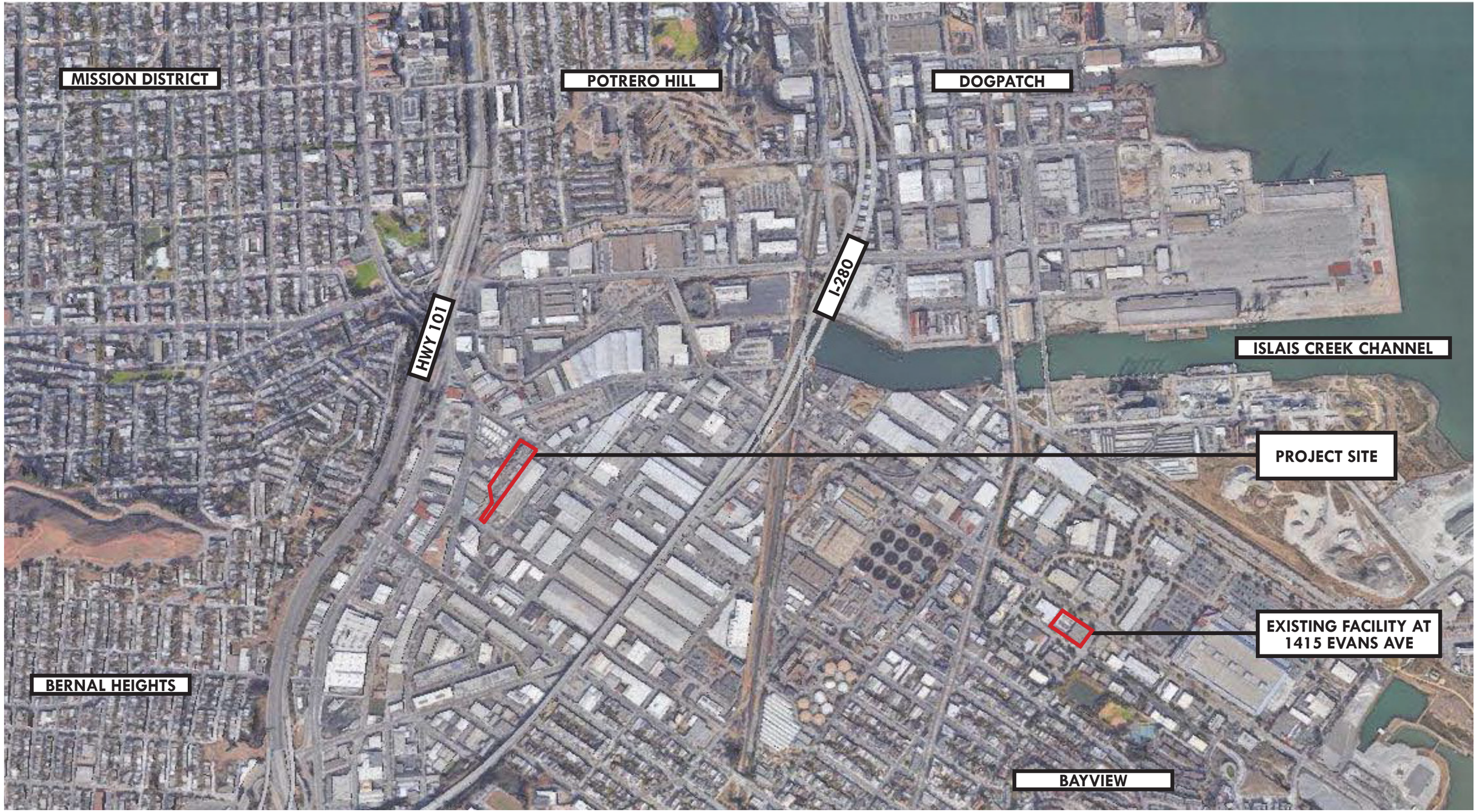
SAN FRANCISCO FIRE DEPARTMENT | AMBULANCE DEPLOYMENT FACILITY

CIVIC DESIGN REVIEW - PHASE 1 REVIEW PRESENTATION

DECEMBER 12, 2016

AERIAL - EXISTING FACILITY LOCATION AND PROPOSED FACILITY LOCATION



PROJECT INFORMATION

PROJECT DESCRIPTION:

- Project site is in an intensively developed area of San Francisco's Bayview neighborhood characterized by various warehouse, distribution and light industrial uses.
- Ambulance Deployment Facility building is three-story and approximately 34,000-gross-square-foot (gsf). Program includes:
    - Ambulance resupply warehouse
    - Offices
    - Training classrooms
    - Staff Support: Locker rooms, Kitchen and Exercise Room
- Parking structure is three-level, essential facility, approximately 82,000 gsf and will have approximately 130 parking spaces for ambulances, fire engines, fire aerial ladder trucks, and miscellaneous vehicles.
- Project will provide a higher-capacity, more efficient and seismically safer facility for City-owned ambulances to improve emergency medical response.
- No portion of the Ambulance Deployment Facility or parking garage will front on either Jerrold Avenue or McKinnon Avenue; the two structures would be located in the interior of the project site.
- The facility will operate 24 hours a day, seven days a week and will be staffed for both daytime and night-time shifts.
- Emergency vehicles will not be dispatched from the proposed facility to emergency incidents; rather (and as currently practiced), they will be dynamically deployed from the proposed facility to pre-determined positions throughout the City at the start of each work shift.

PROJECT SCHEDULE:

- Schematic Design - November 2016
- Design Development - May 2017
- Construction Documents - November 2017
- Construction - Winter 2018

PROJECT CONSTRUCTION BUDGET: $27,000,000

SITE CONTEXT

Photo 1 - Barneveld Ave - Light Industrial

Photo 4 - Barneveld Ave - Light Industrial

Photo 5 - Barneveld Ave - Light Industrial

Photo 2 - McKinnon Ave - Project Entrance

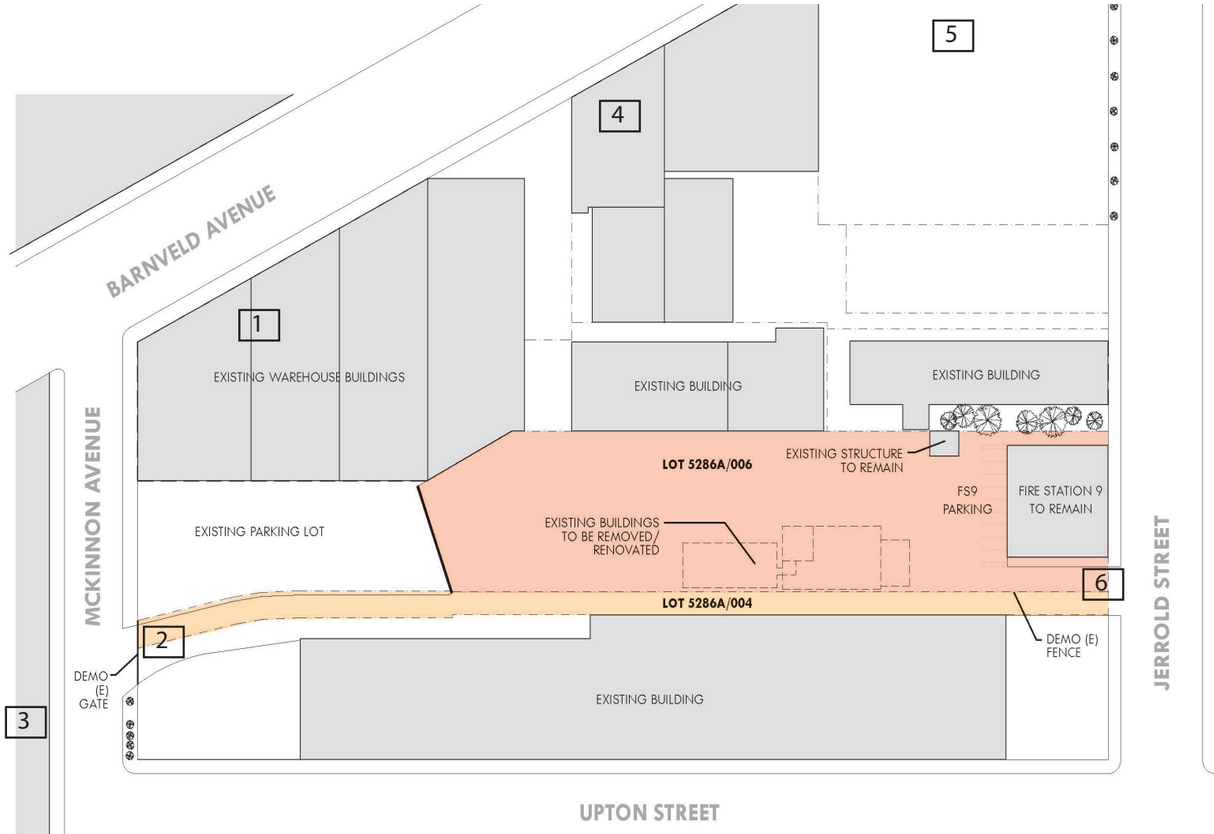


Photo 6 - Jerrold Ave - Project Exit

Photo 3 - McKinnon Ave - Light Industrial

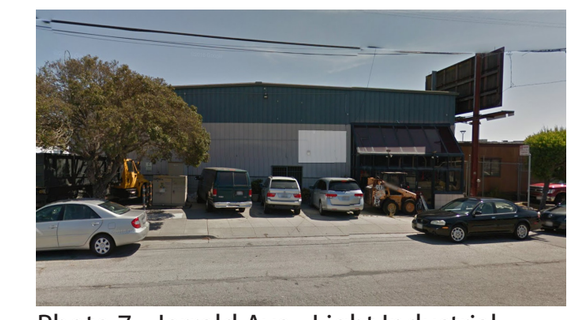
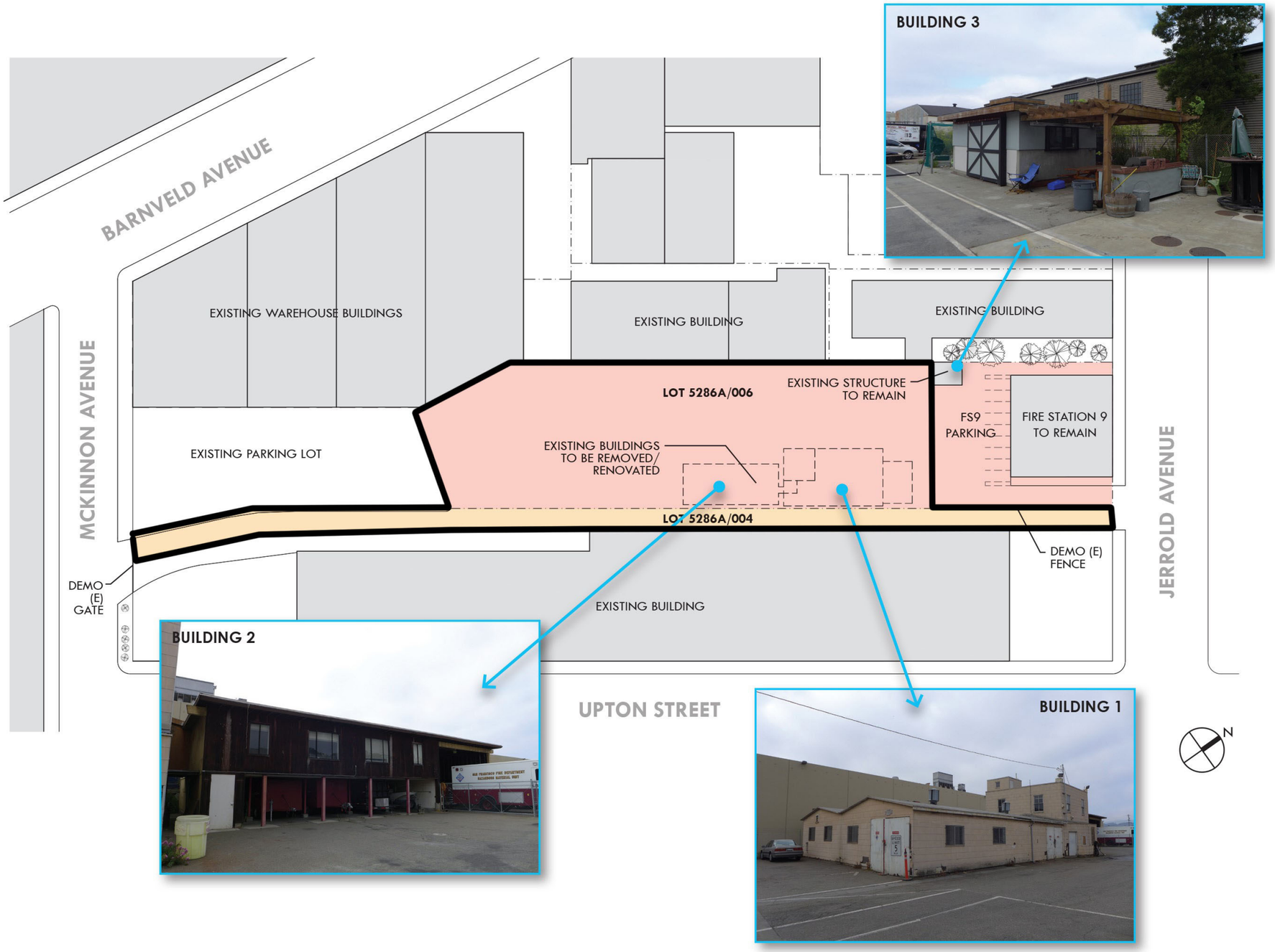


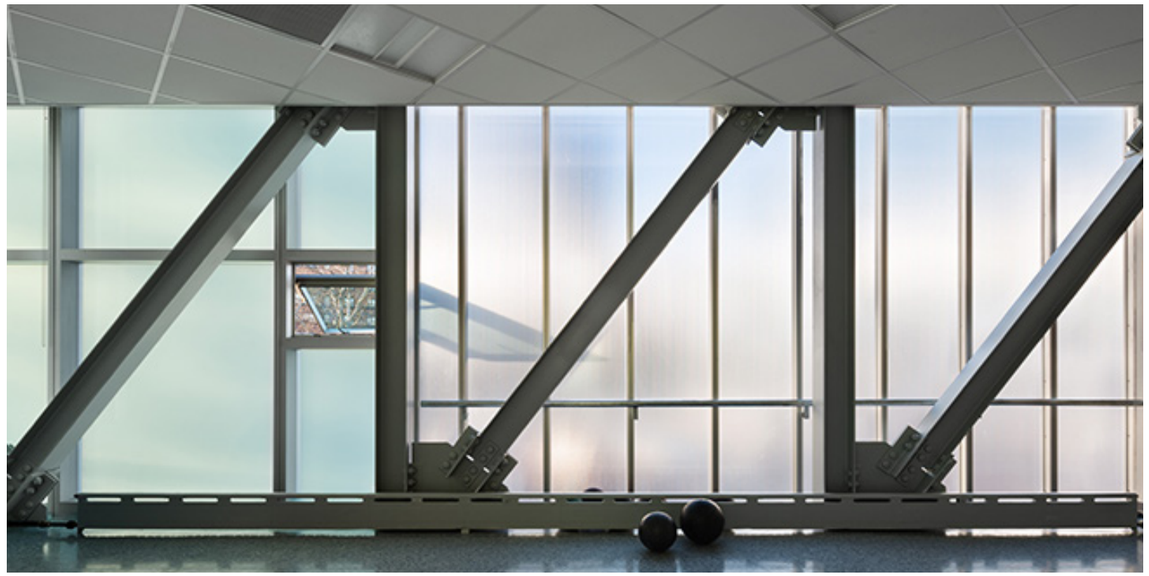
Photo 7 - Jerrold Ave - Light Industrial

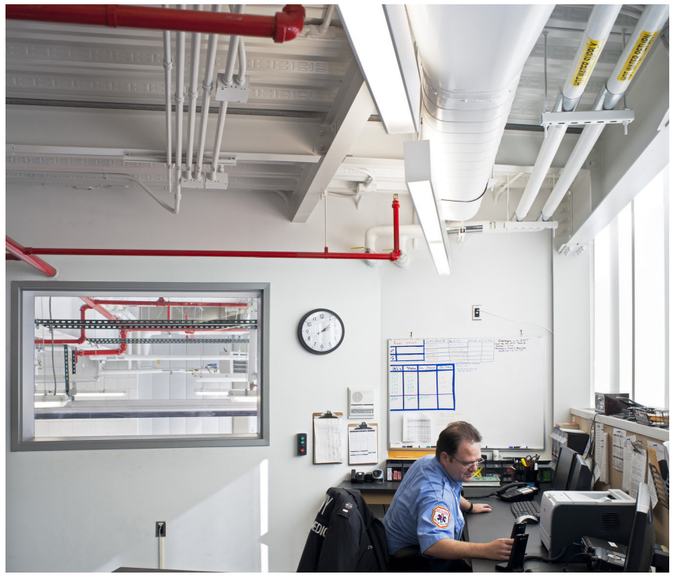
EXISTING SITE PLAN AND PHOTOS



PRECEDENTS - EXTERIOR MATERIALS

PRECEDENTS - INTERIOR MATERIALS





SUSTAINABILITY

- Sustainable goals include reducing storm water, reuse captured storm water, solar panels, utilizing planning and material strategies for natural ventilation and day lighting strategies
- Rainwater harvesting system for non-potable reuse at car wash area in garage
- Rain water detention tank in ADF facility to reduce peak demand on the stormwater/sewer system
- Alternate #1: Living roof on ADF facility
- Alternate #2: Solar panels on ADF facility roof

CIVIC DESIGN REVIEW CONCEPT PHASE COMMENTS - SEPTEMBER 2016

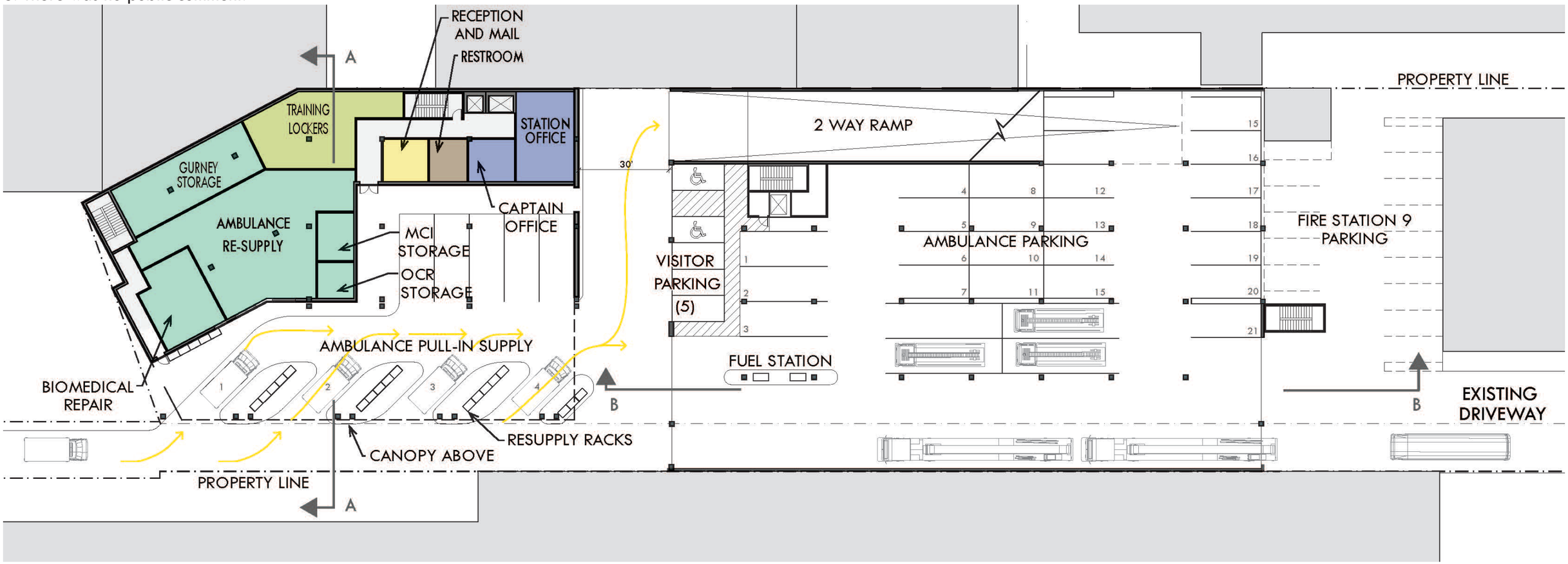
1. The Committee stressed the importance of planning the project to bring light, air, and circulation to the project site, especially within such a contained space.

    Response: We refined our design to maximum the light and air circulation by including a courtyard

2. Committee recommended planning for sea level rise, as the project sit was just within the seal level rise zone.

    Response: A hydraulic engineer advised the team and provided the buildings finish floor elevation due to sea level rise. The building is being raised approximately 18" from existing grade.

3. There was no public comment.



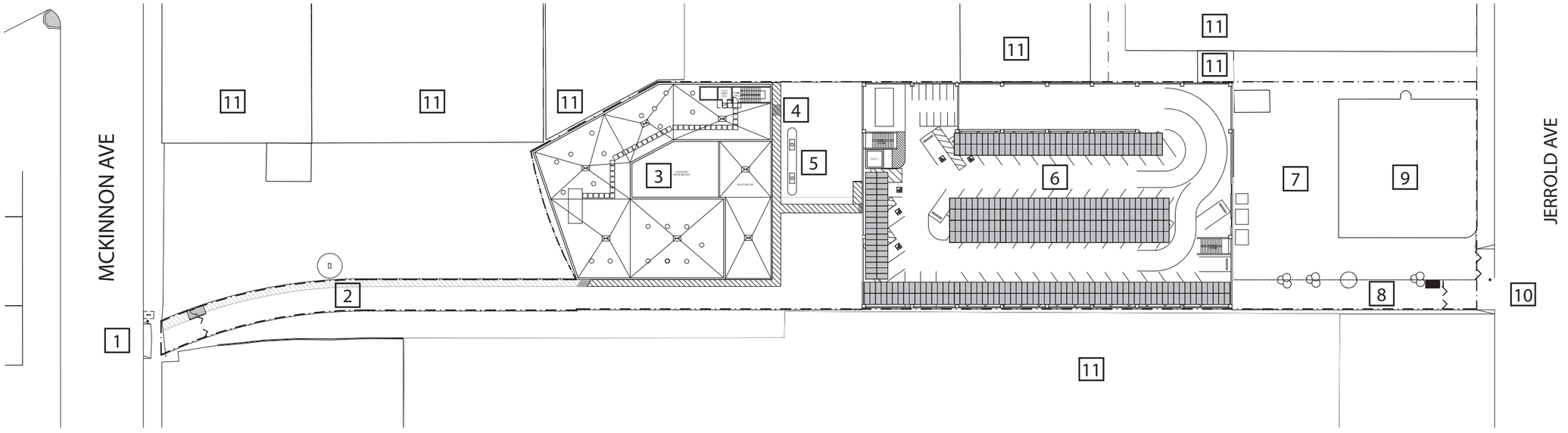
SITE PLAN

Design criteria such as ambulance circulation, ambulance re-supply and logistical adjacencies are critical for the systematic operational flow. Site design includes the following:

- One-way vehicular circulation at site entrance and exit.
- Ambulance re-supply to work efficiently without blocking site circulation
- Ambulance Deployment Facility vehicular circulation must be separated from Fire Station 9.
- Fuel Station and fuel refilling vehicles cannot block site circulation
- Multi-type vehicles at site: ambulances, fire engines, fire aerial ladder trucks, gators, bus ambulances, and miscellaneous vehicles.
- 14ft height clearances at grade level for fire engines and fire aerial ladder trucks.
- Semi-truck delivery trucks cannot block site circulation.

SITE NOTES

1. Facility Entrance
2. One-way Entrance
3. ADF Facility Building
4. Building Entrance
5. Fuel Pump Stations
6. Parking Structure
7. Fire Station 9 Parking
8. One-way Exit
9. Fire Station 9
10. Facility Exit
11. Neighboring Building

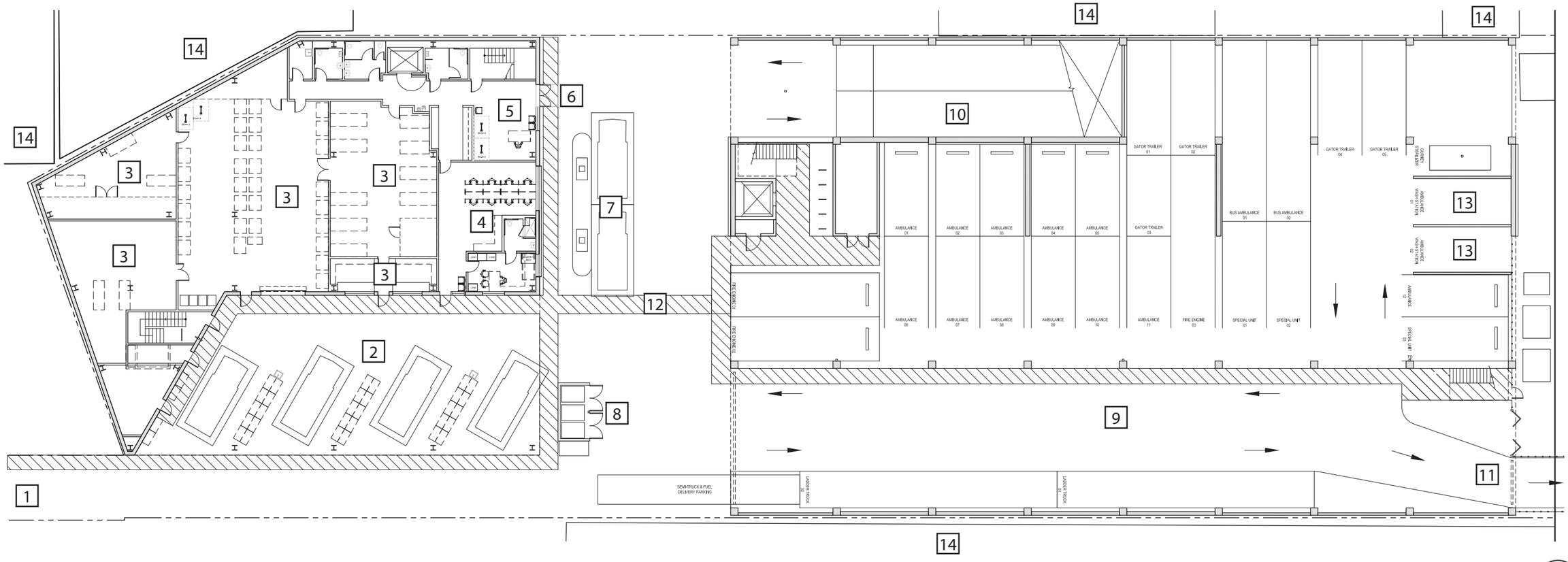


Scale: NTS

FIRST FLOOR PLAN

PLAN NOTES

1. One-way Entry from McKinnon Ave
2. Ambulance Re-stock Parking Area
3. Re-stock Warehouse & Storage
4. Captain's Office & Staff Workstations
5. Reception, Mail & Laundry Lockers
6. ADF Facility Entrance
7. Fuel Pump Stations
8. Trash / Recycling
9. Garage
10. Vehicle Ramp
11. One-way Exist to Jerrold Ave
12. Pedestrian Pathway
13. Ambulance Car Wash
14. Neighboring Building

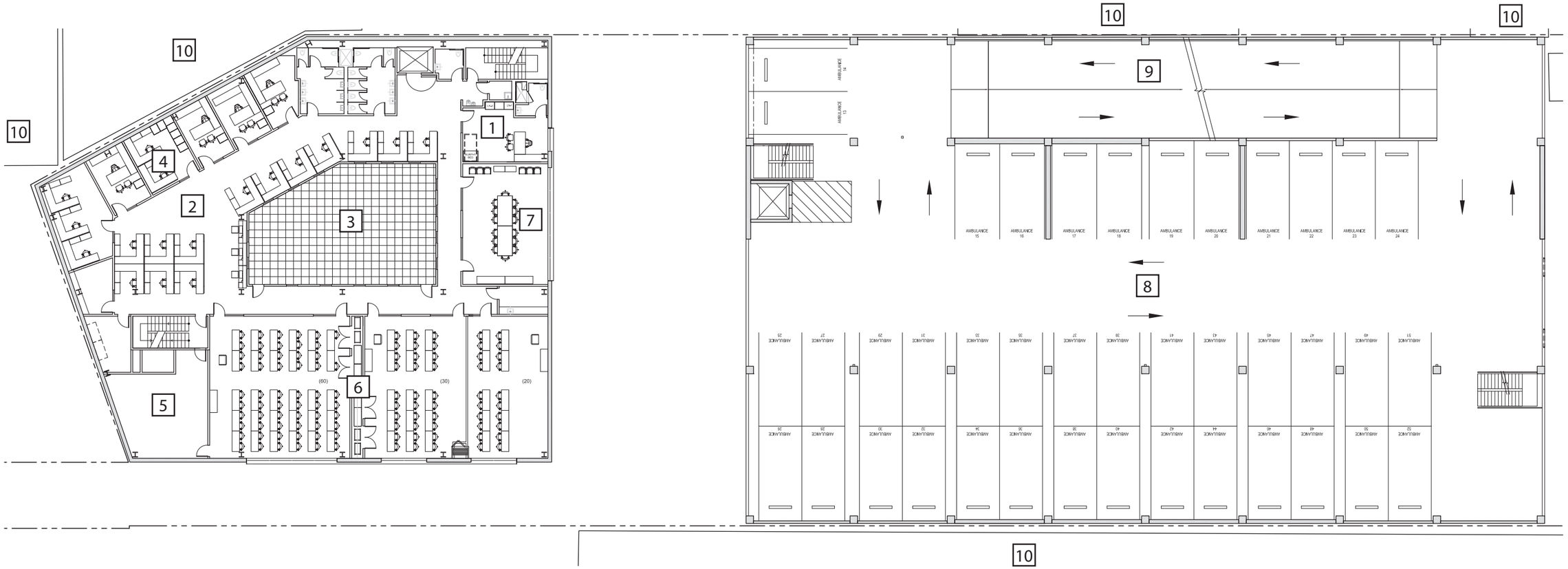


Scale: 3/32" = 1'-0"

SECOND FLOOR PLAN

PLAN NOTES

1. Command Staff
2. Open Office Workstations
3. Training Courtyard
4. Offices
5. Storage
6. Classrooms
7. Conference Room
8. Garage - Ambulance Parking Stalls
9. Vehicle Ramp
10. Neighboring Building

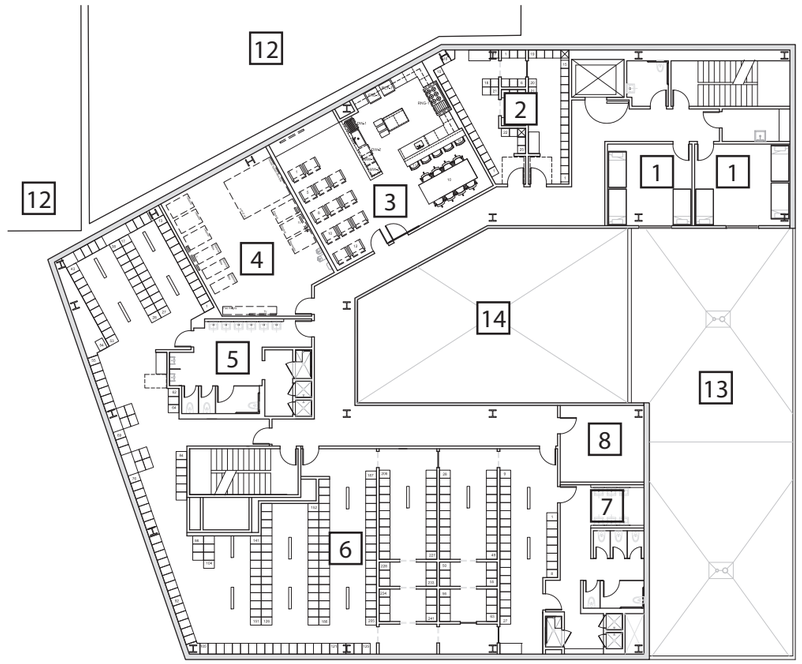


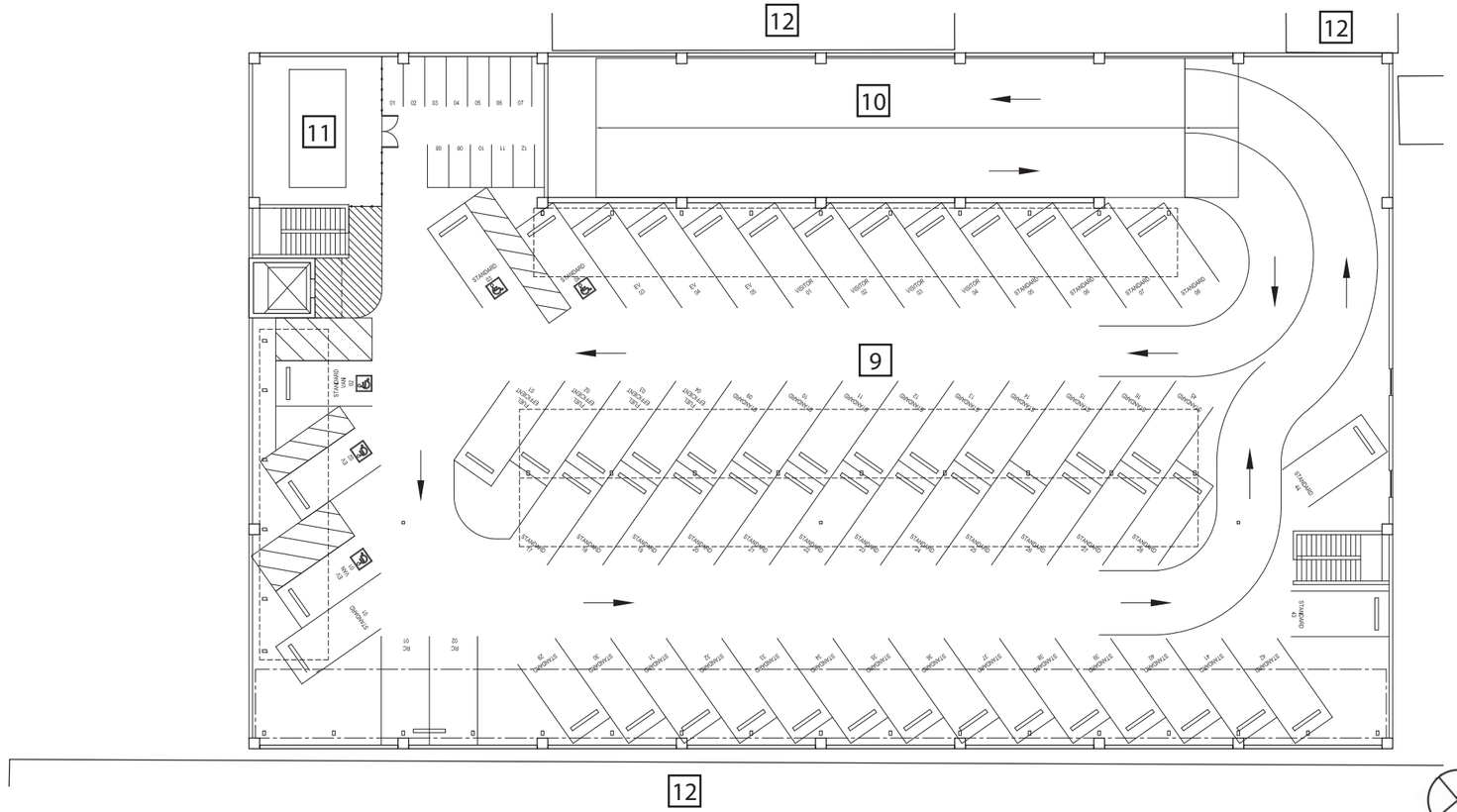
Scale: 3/32" = 1'-0"

THIRD FLOOR PLAN

PLAN NOTES

1. Dormitory
2. Trainee Locker Room
3. Kitchen/Dining/Day Room
4. Exercise Room
5. Male Bathroom
6. Male/Female Locker Room
7. Female Bathroom
8. Storage
9. Garage
10. Vehicle Ramp
11. Emergency Generator
12. Neighboring Building
13. Roof Below
14. Courtyard Below





Scale: 3/32” = 1’-0”

BUILDING ELEVATION - NORTH ELEVATION AT FACILITY

BUILDING ELEVATION - EAST ELEVATION AT FACILITY

BUILDING SECTION AT FACILITY

BUILDING ELEVATION - NORTH ELEVATION AT PARKING GARAGE

SITE CONTEXT - AERIAL

- Parking structure massing is placed on site for maximum efficiency in the structural system and parking stall layout.
- Facility Building massing is placed on site for maximum efficiency in program and site circulation. When ambulances enter the site, the first program space they must encounter is the re-supply and warehouse.

SITE CONTEXT - AERIAL

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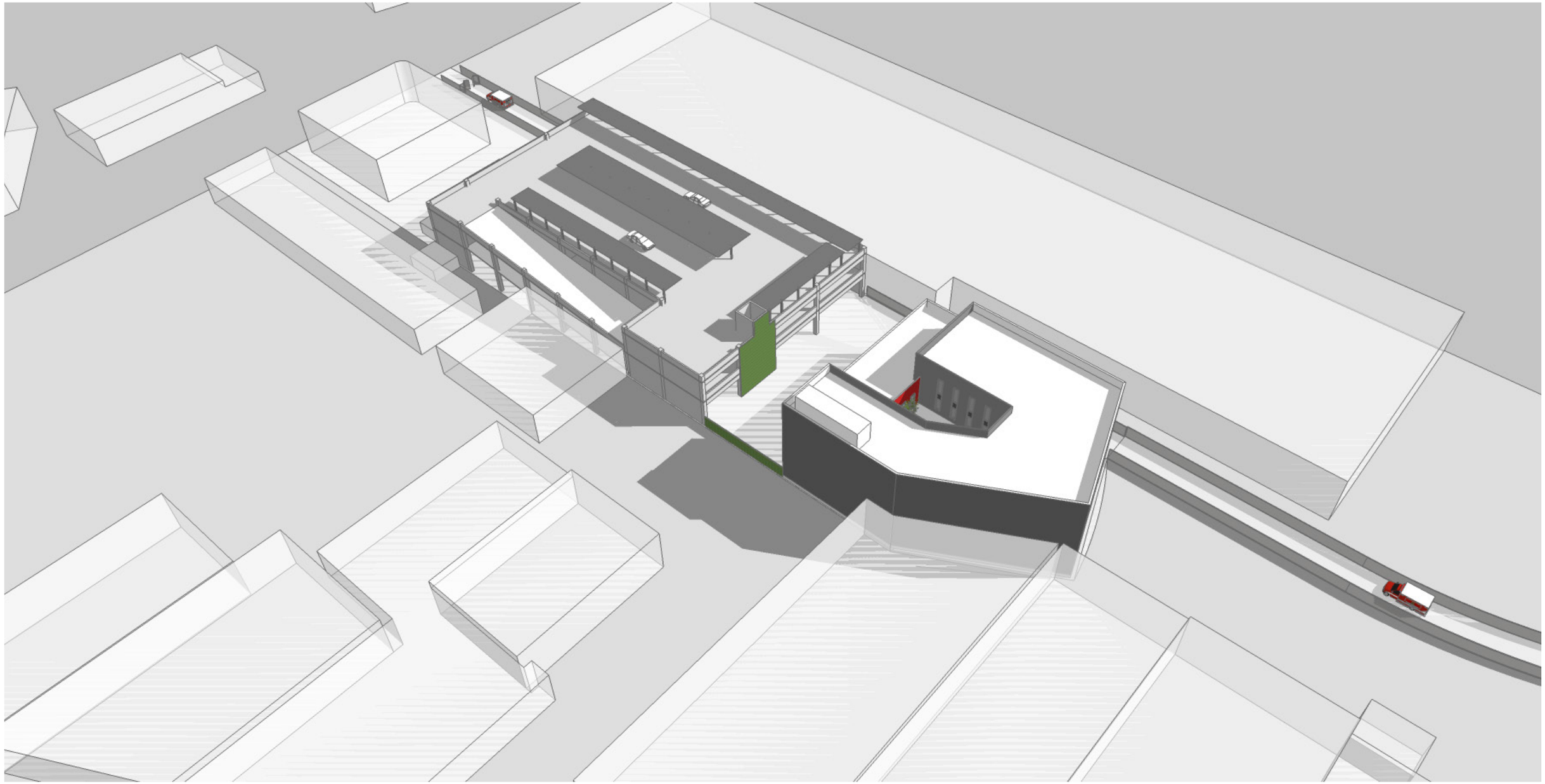

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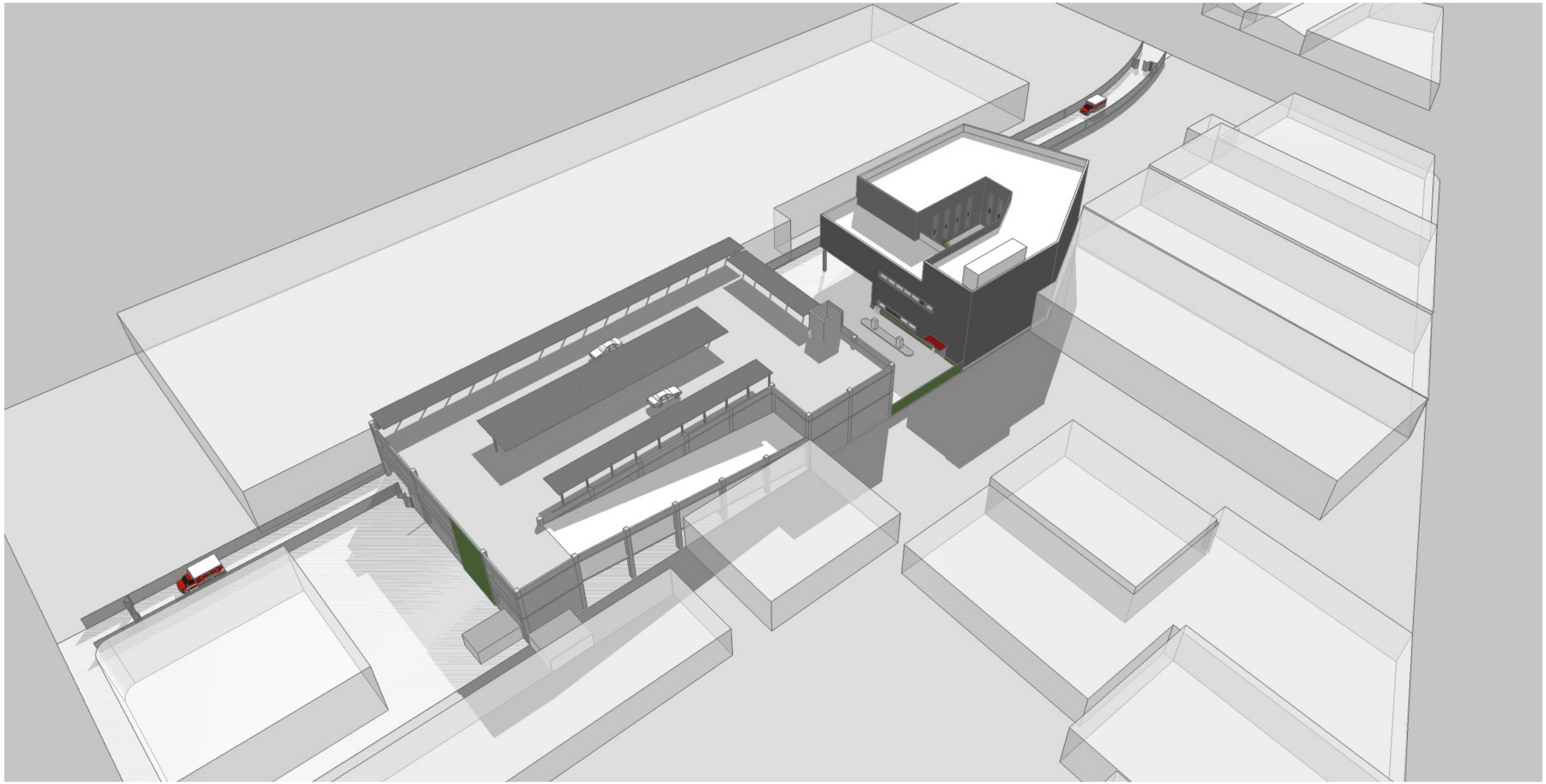
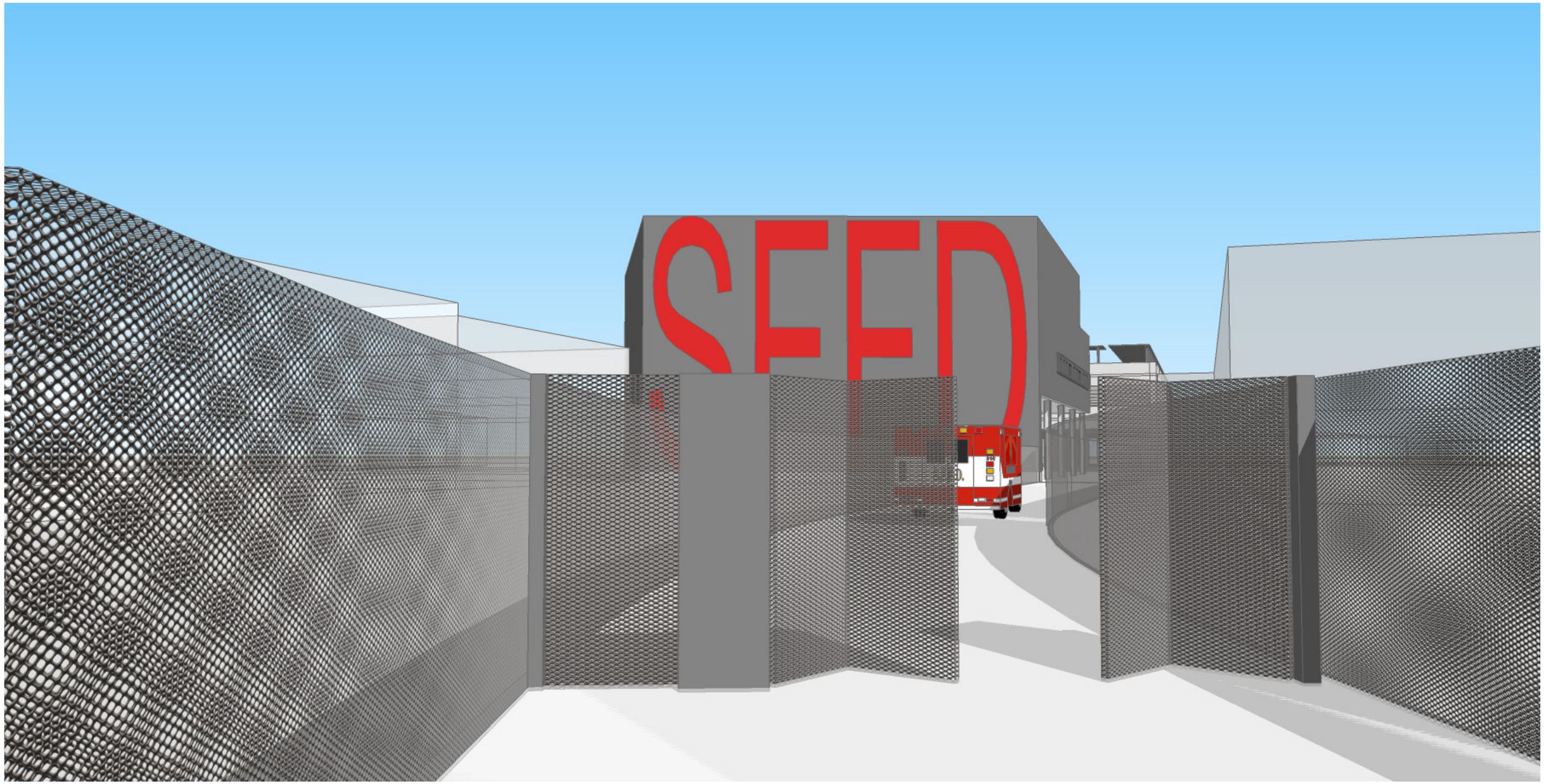
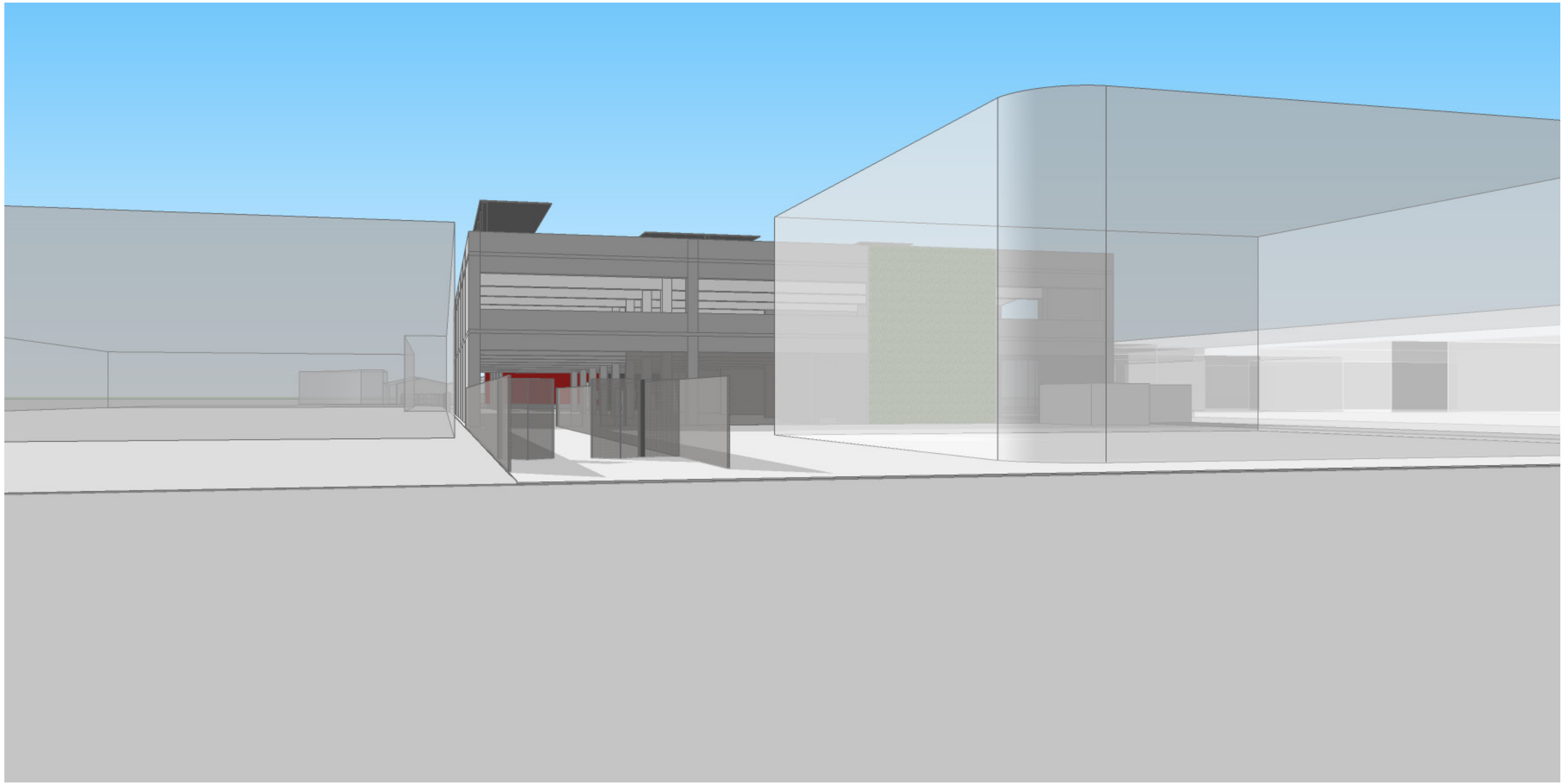


SITE ENTRY - VIEW FROM MCKINNON AVE

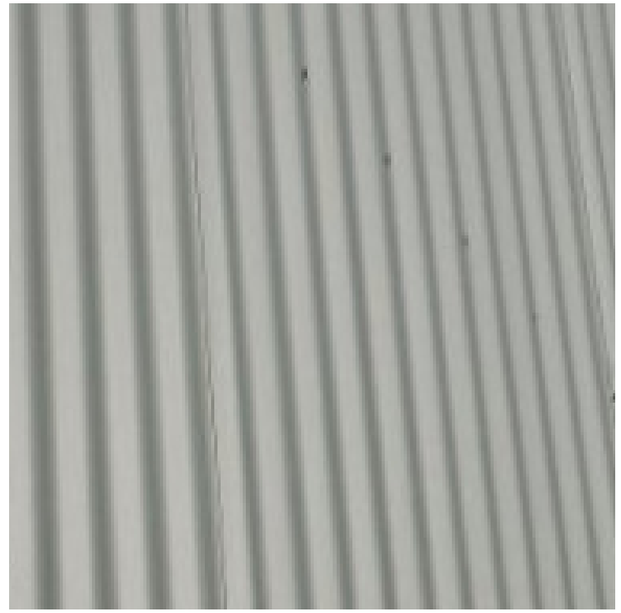


SITE EXIT - VIEW FROM JERROLD AVE



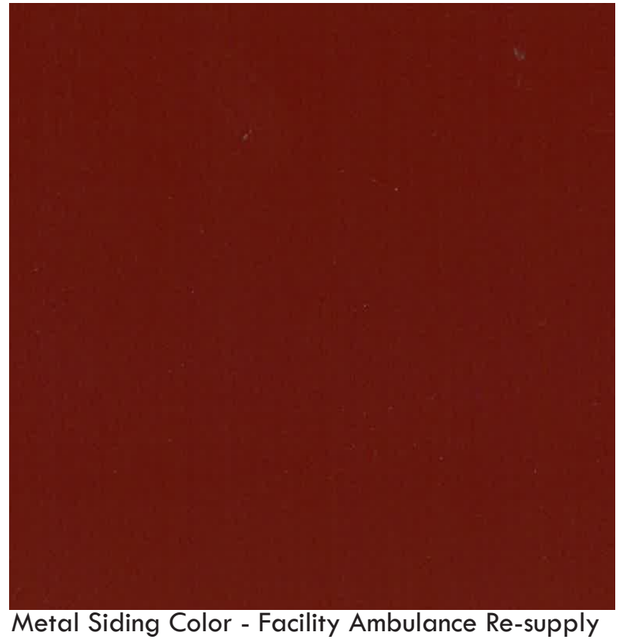
EXTERIOR MATERIAL PALETTE

Concrete - Parking Garage



Metal Siding Color - Facility Courtyard

Metal Siding Color - Facility



Metal Siding Color - Facility Ambulance Re-supply

LANDSCAPING PALETTE

Courtyard tree planters

Courtyard tree planters

Low plantings along building

Ficus vines on parking garage concrete walls

PROJECT DEVELOPMENT AND NEXT STEPS

- Team has conducted several design workshops with San Francisco Fire Department.
- Team conducted weekly meetings with San Francisco Fire Department to confirm program, program square footage, program adjacencies and functionality of conceptual ideas and design.
- Team conducted site visits to existing facility to further understand about the operational logistics of an ambulance deployment facility.
- Team presented the project to the Fire Commission on September 14, 2016.
- Team met with Arts Commission about 2% Art Enrichment on September 23, 2016.
- Current A/E team produced 100% Schematic Design November 2016.
- Civic Design Review Concept Phase September 2016
- Civic Design Review Phase 1 Review November 2016.
- January 2017 new A/E team.
- 100% Design Development in Spring 2017. Civic Design Review Phase II
- 100% Construction Documents in Summer 2017. Civic Design Review Phase III
- Construction 2018-2020