



YOUR VOICE, IN ACTION!

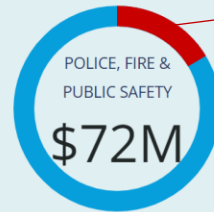
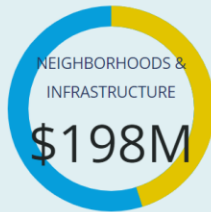
FIRE STATION 1 – HPB PRESENTATION 3-08-2022



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TOTAL
\$439M

VOTER SUPPORT

70%



GO#45: FIRE STATION #1

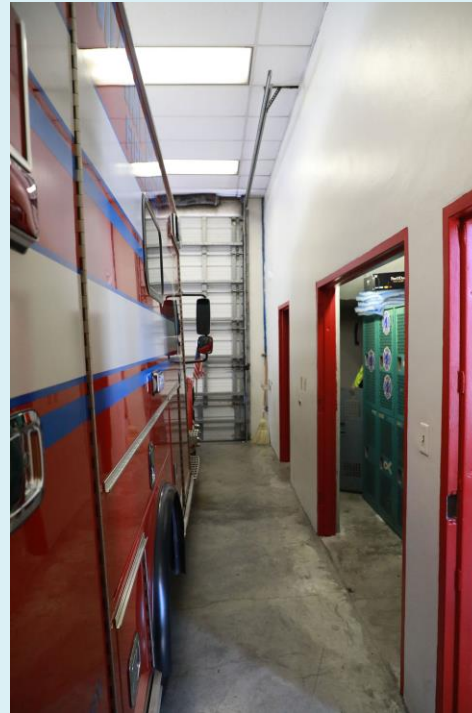
Replace the deteriorated Fire Station #1 facility with a new and larger building in a location that expands emergency coverage in South Beach. NOTE: The total G.O. Bond budget for this project is \$10 million. \$4 million is to be allocated in Tranche 1 and \$6 million is to be allocated in Tranche 2.

The existing Fire Station 1 building at 1051 Jefferson Avenue:

- ...has outlived its useful life as a fire station and is obsolete for the current and future needs of the MBFD.
- ...does not meet National Fire Protection Association (NFPA) standards that are needed for building certification.
- ...sits 5.5 feet below FEMA base flood elevation (BFE) standards and is extremely vulnerable to flood events.
- ...is not built to sustain major storm conditions and therefore must be vacated in advance of a hurricane.
- ...has the highest vulnerability rating amongst all public safety facilities within the City of Miami Beach.
- ...has limited access for emergency vehicles to efficiently enter and exit apparatus garage bays.
- ...does not fit critical equipment, including ladder trucks that are necessary to respond to high rise condos and hotels.
- ...does not accommodate the parking that is needed for MBFD personnel.



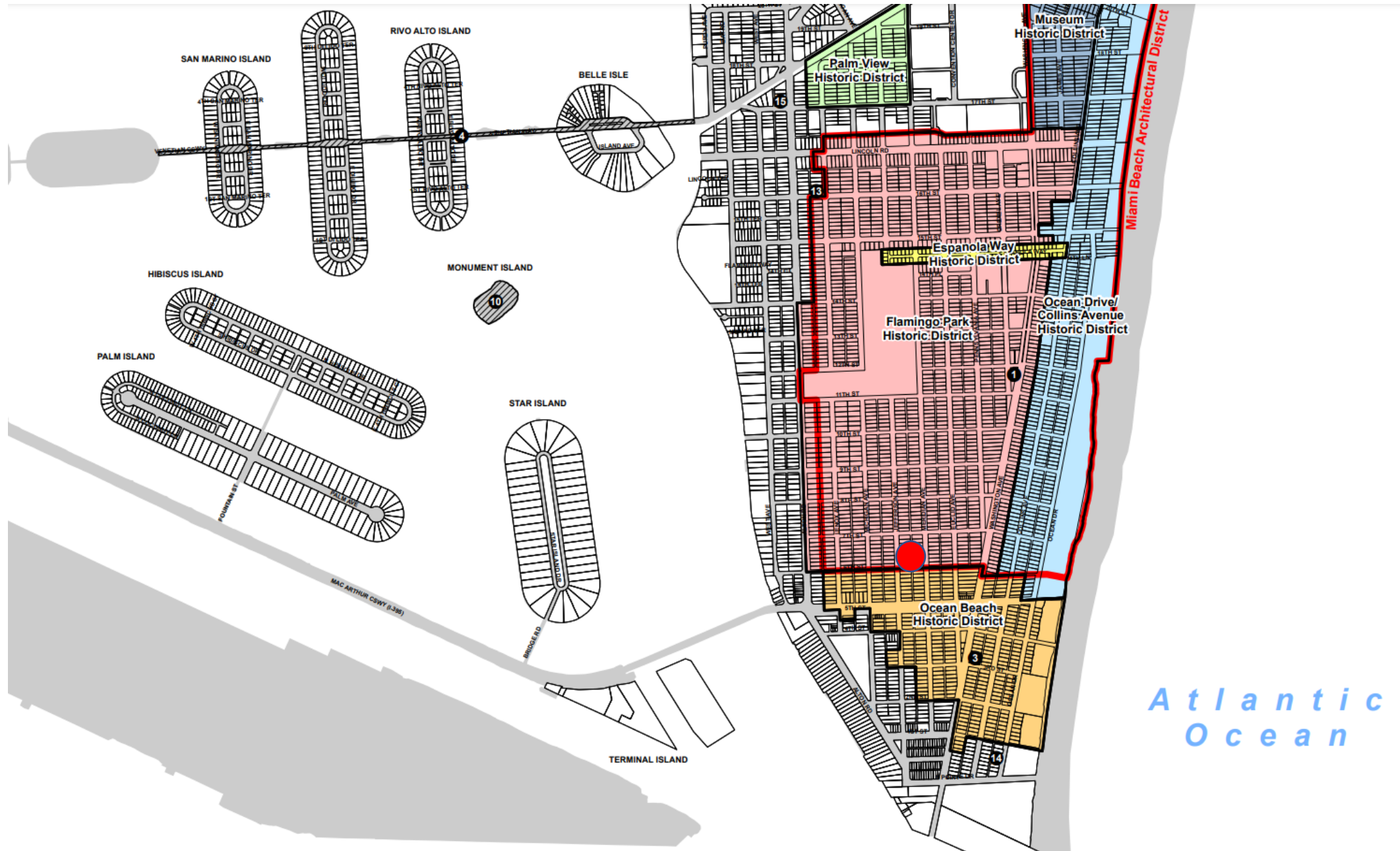
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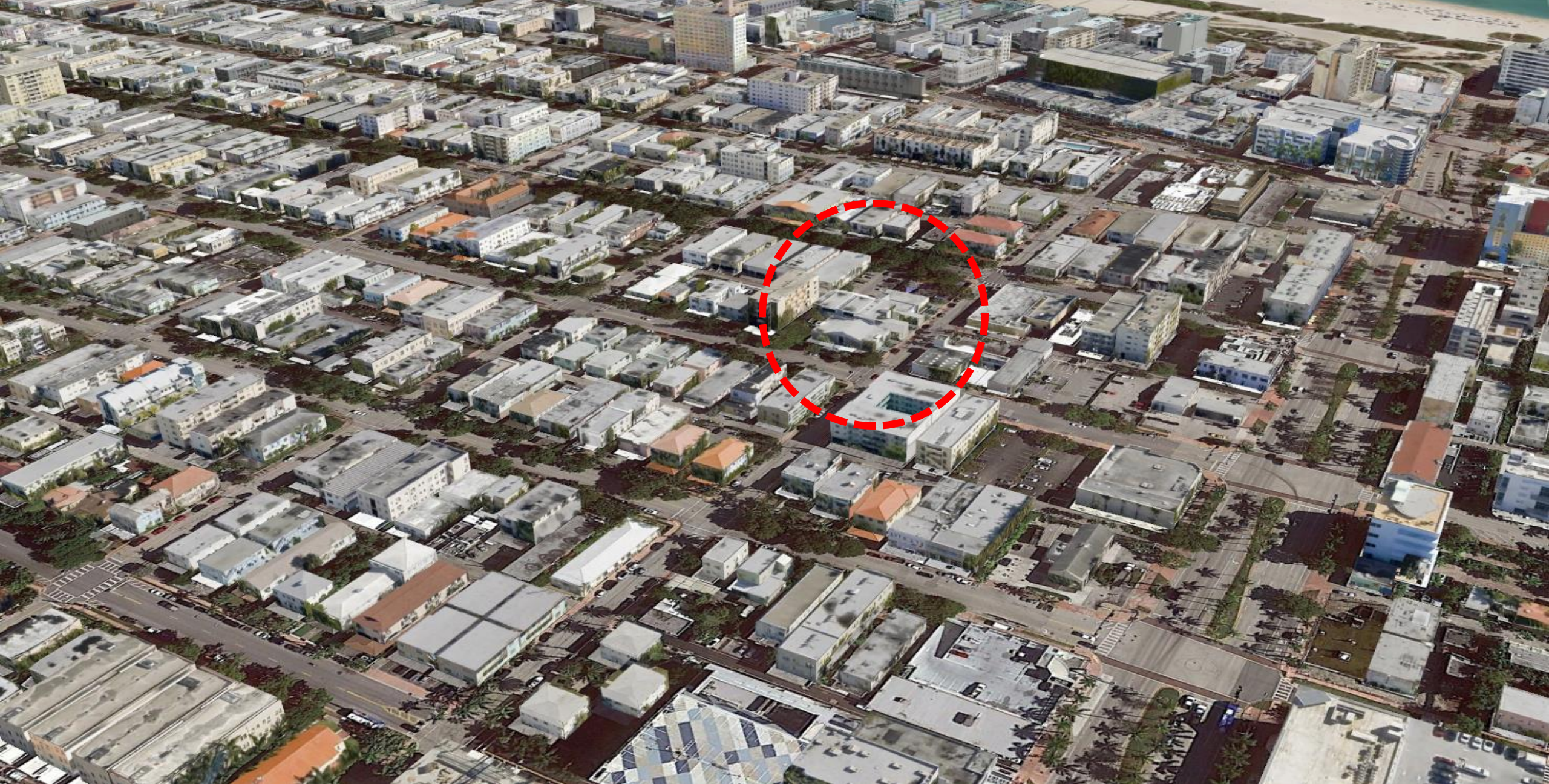


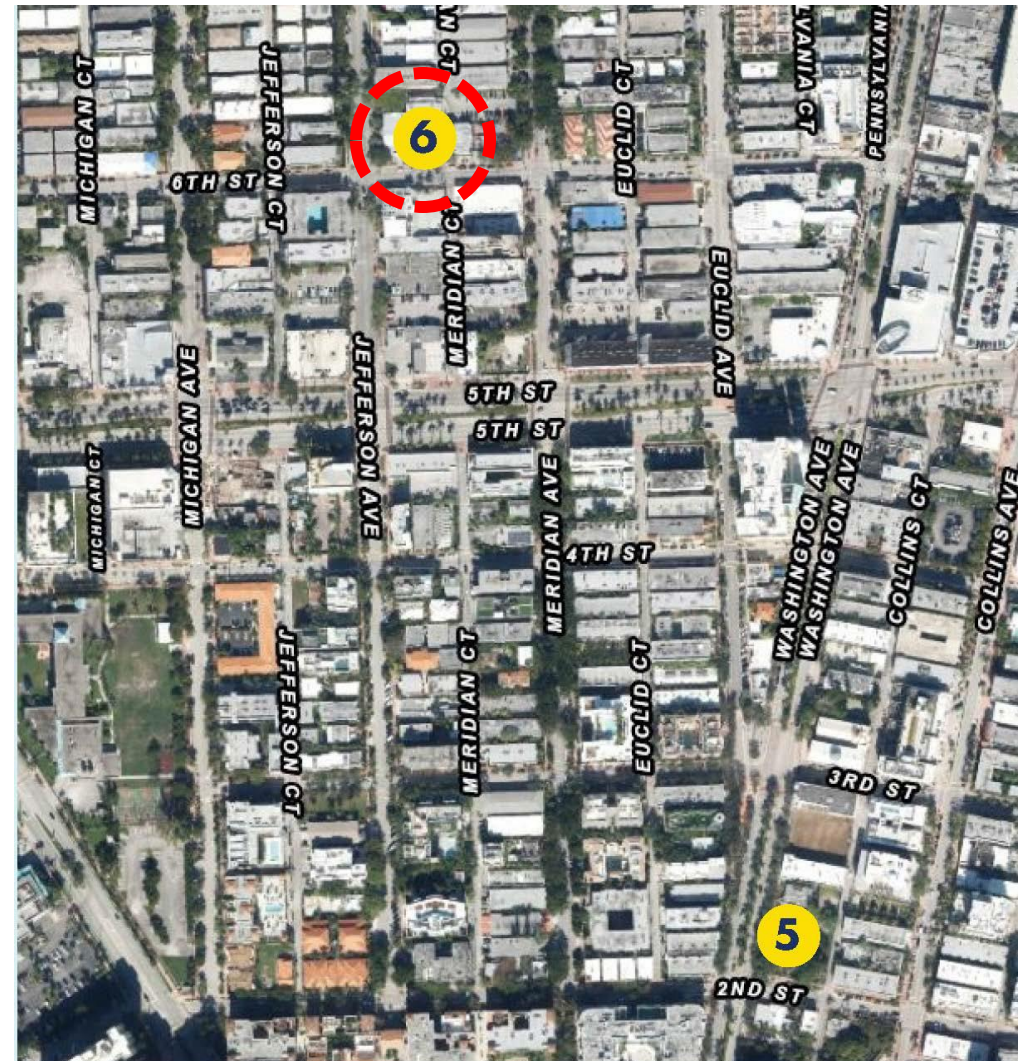
EXISTING FIRE STATION SITE CONSTRAINTS

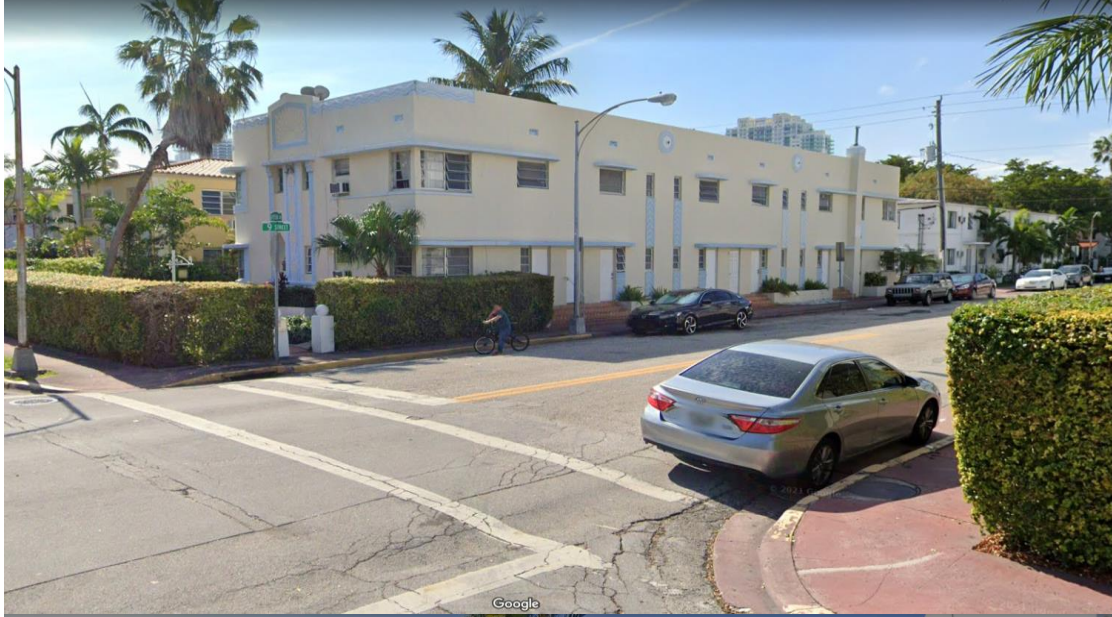
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URBAN | CONTEXT





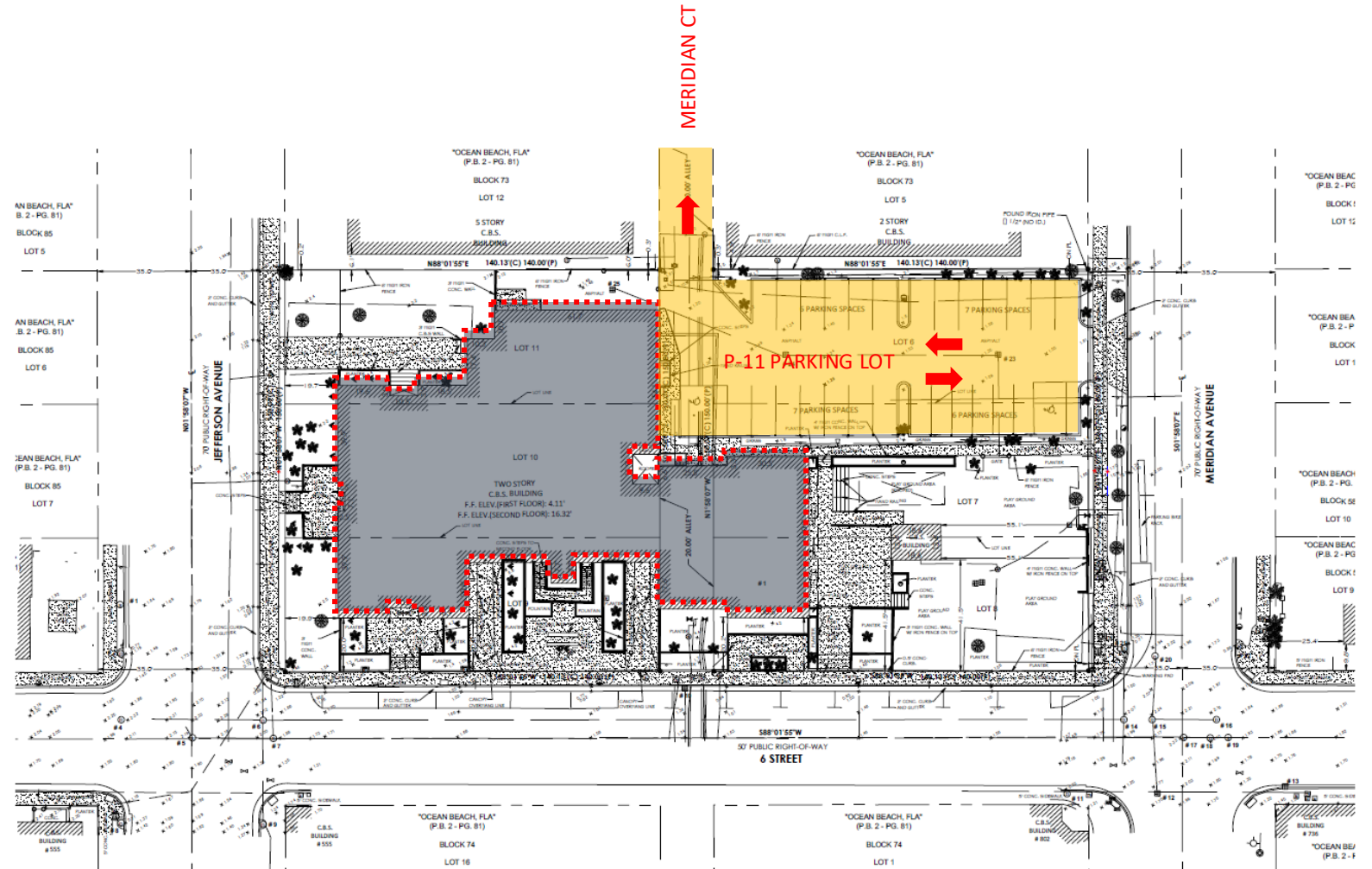


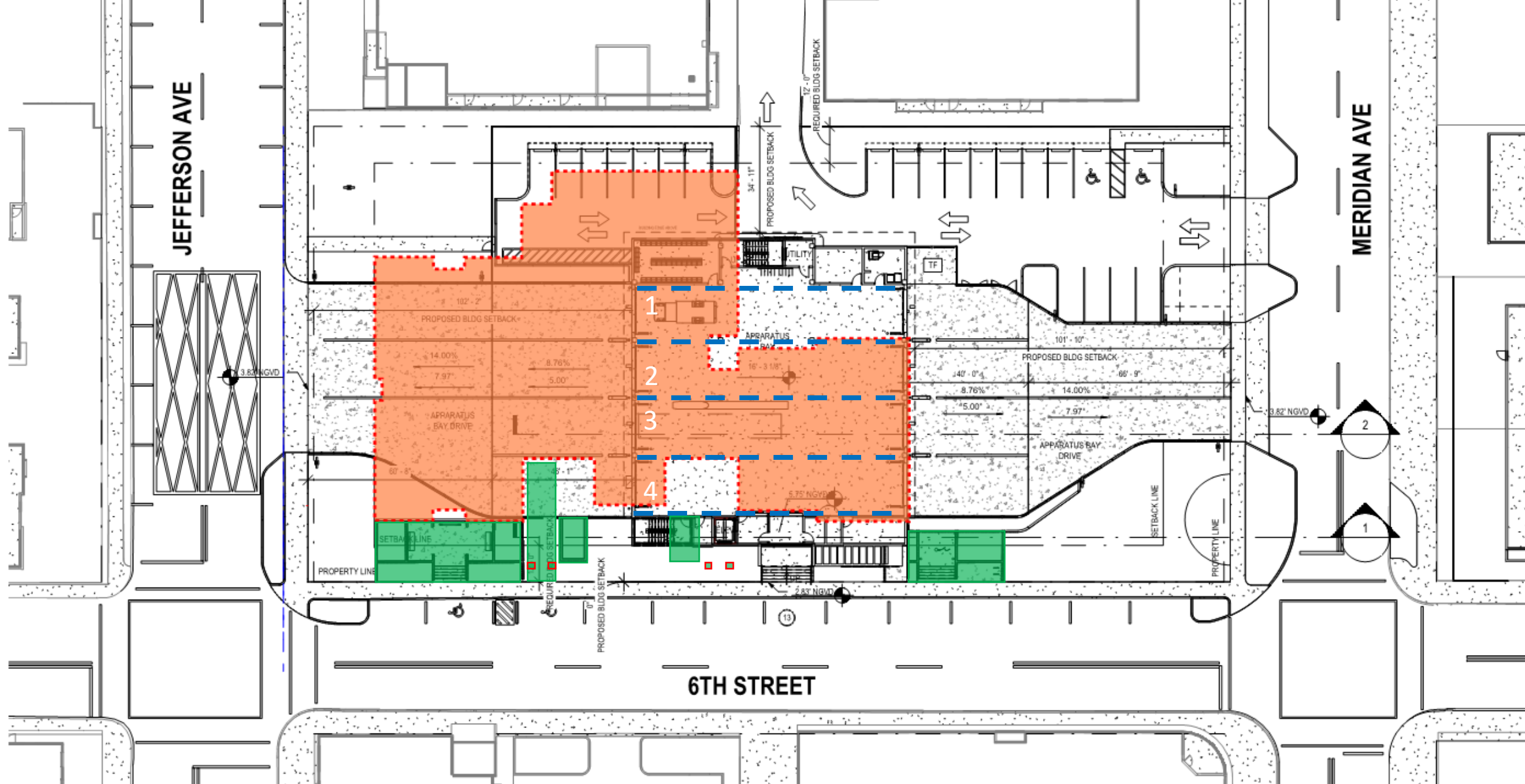


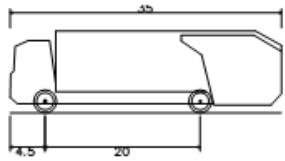
SITE

DESIGN

- Existing site of the City's South Shore Community Center
- Frontage on 6th Street, Jefferson Avenue and Meridian Avenue
- Centrally located within the service area
- 1 acre property
- Surface Parking Lot P-11 located on site, 27 spaces with **required** access to Meridian Court vehicular traffic

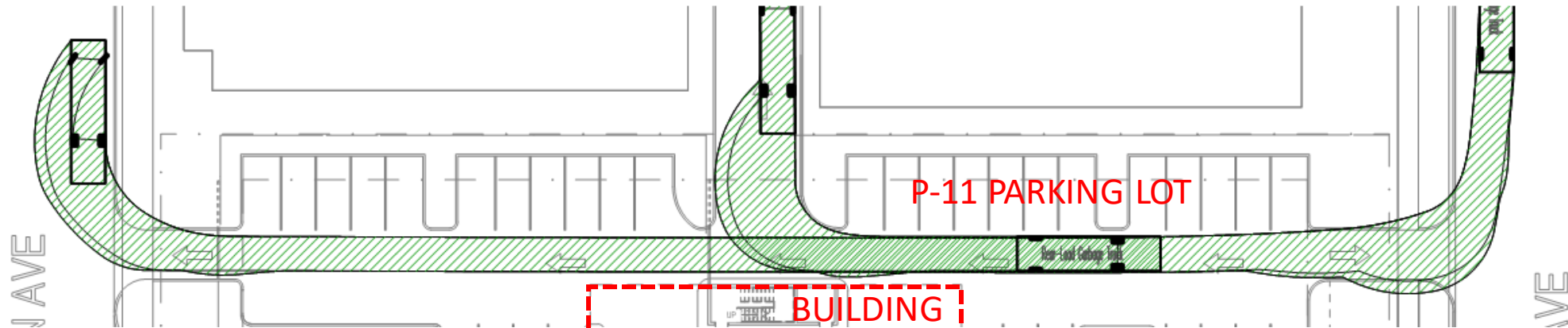






Rear-Load Garbage Truck
 Overall Length 35.000ft
 Overall Width 8.375ft
 Overall Body Height 10.546ft
 Min Body Ground Clearance 1.000ft
 Track Width 8.375ft
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 29.300ft

REAR-LOAD GARBAGE TRUCK



- vehicular maneuvering path for trash collection and emergency access

DESIGN | ELEMENTS



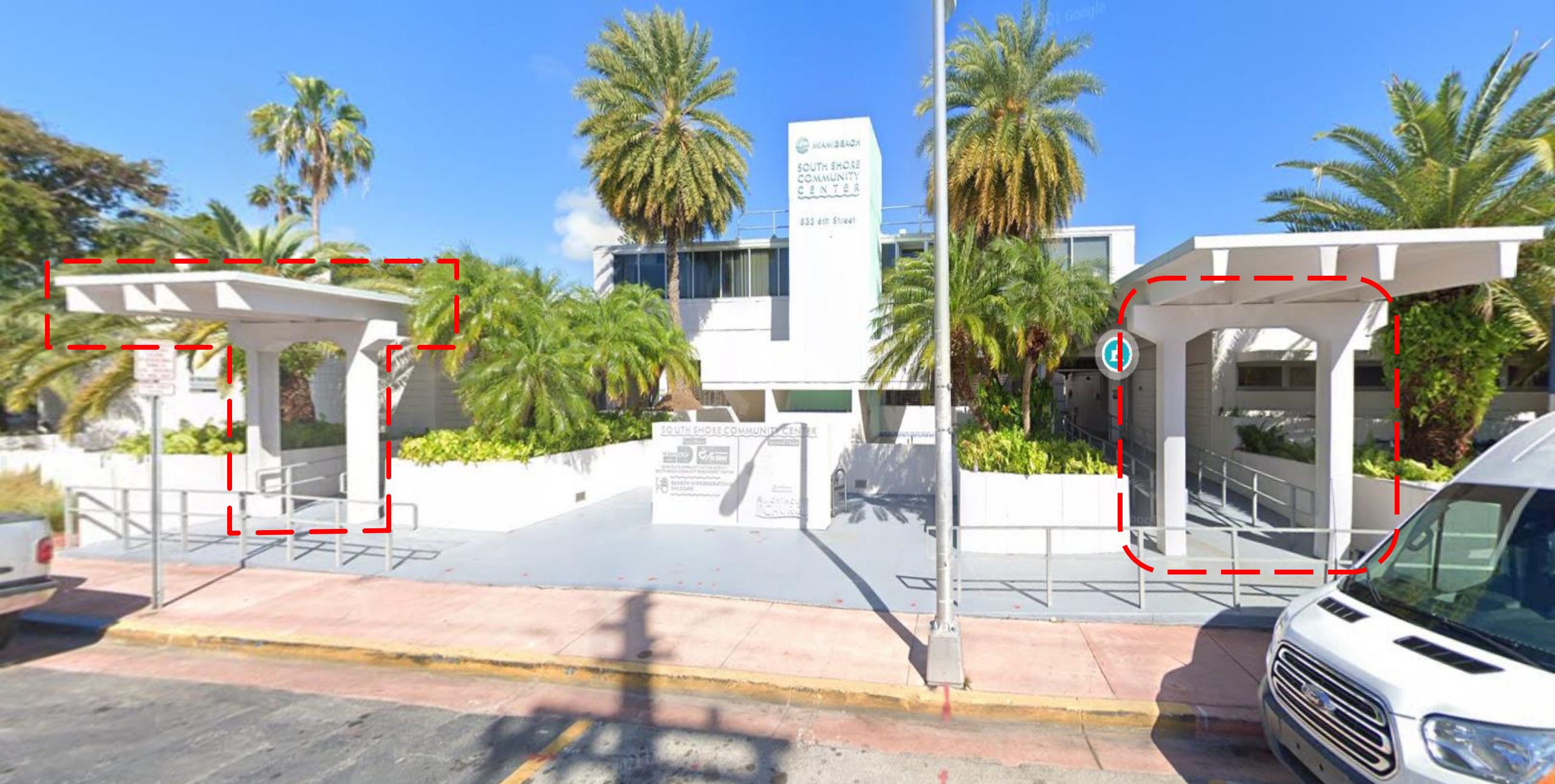
EXISTING BUILDING DESIGN ELEMENTS TO BE INCORPORATED TO THE NEW FIRE STATION

- Concrete stairs details
- Stacked bond faced block finish
- New cast-in-place concrete planters to match existing
- Folding concrete canopy over main entrance
- Existing concrete double tee canopy, and concrete columns to be relocated and repurposed into a small park pavilion along the west side of 6th street
- Existing cast-in-place concrete planters that don't overlap with the required building footprint and vehicular ramp will be maintained



EXISTING PORTIONS OF THE BUILDING TO REMAIN

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EXISTING PORTIONS OF THE BUILDING TO BE REPURPOSED

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EXISTING BUILDING DETAIL INCORPORATED INTO THE NEW DESIGN

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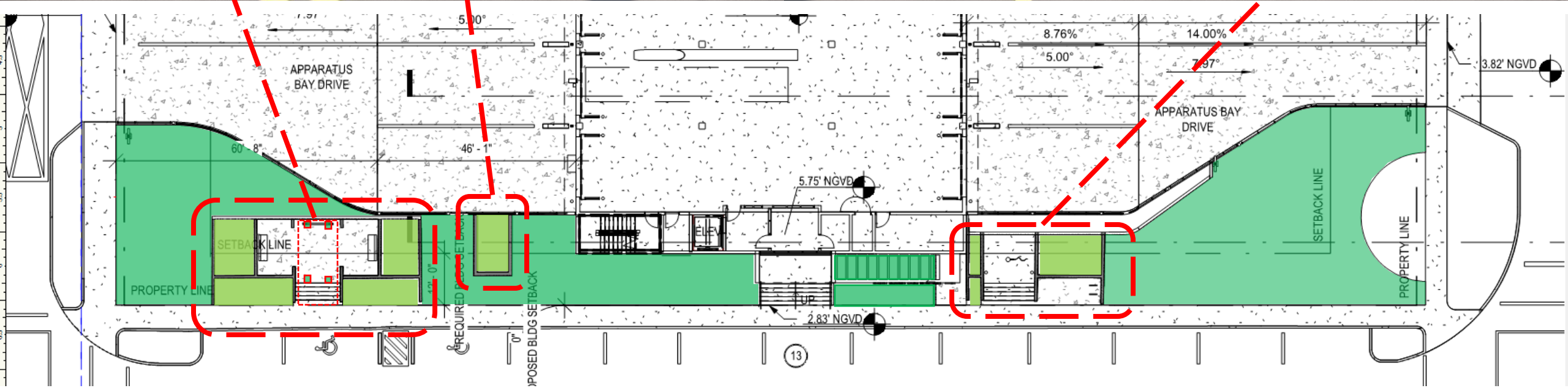
EXISTING BUILDING DETAIL INCORPORATED INTO THE NEW DESIGN

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EXISTING BUILDING DETAIL INCORPORATED INTO THE NEW DESIGN

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EXISTING BUILDING ELEMENTS TO REMAIN

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SIGN DESIGN

- Sign as a graphic decorative device
- Individually mounted characters
- Standard or open face letter options
- Backlit characters to provide a soft-glow



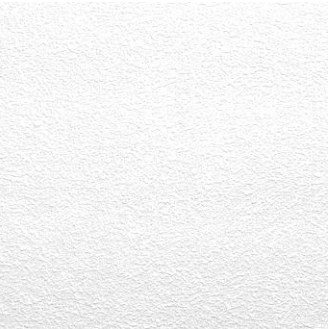
FIRE STATION-01 DESIGN

DESIGN ELEMENTS

- Asymmetry
- Floating concrete planes
- Exposed concrete block and stucco
- Boxed windows
- Built-in concrete planters
- Brise-soleils (vertical and horizontal)
- Floating concrete stairs
- Individually mounted building sign characters



MATERIAL PALETTE



Painted Stucco



Planter design inspired by existing building design



Aluminum Fins



Exterior Pavers
Artistic Shellstock Ivory



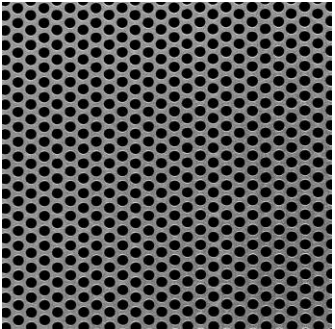
Ground Face Stacked Bond
Echelon Trendstone
Color: Graystone



Aluminum Horizontal Screen
For Stair Enclosure



Seashell Concrete for
Apparatus Bay Ramps



Graphic Art for Perforated
Parking Screen



Storefronts and Railings
Kynar 500 Charcoal Grey



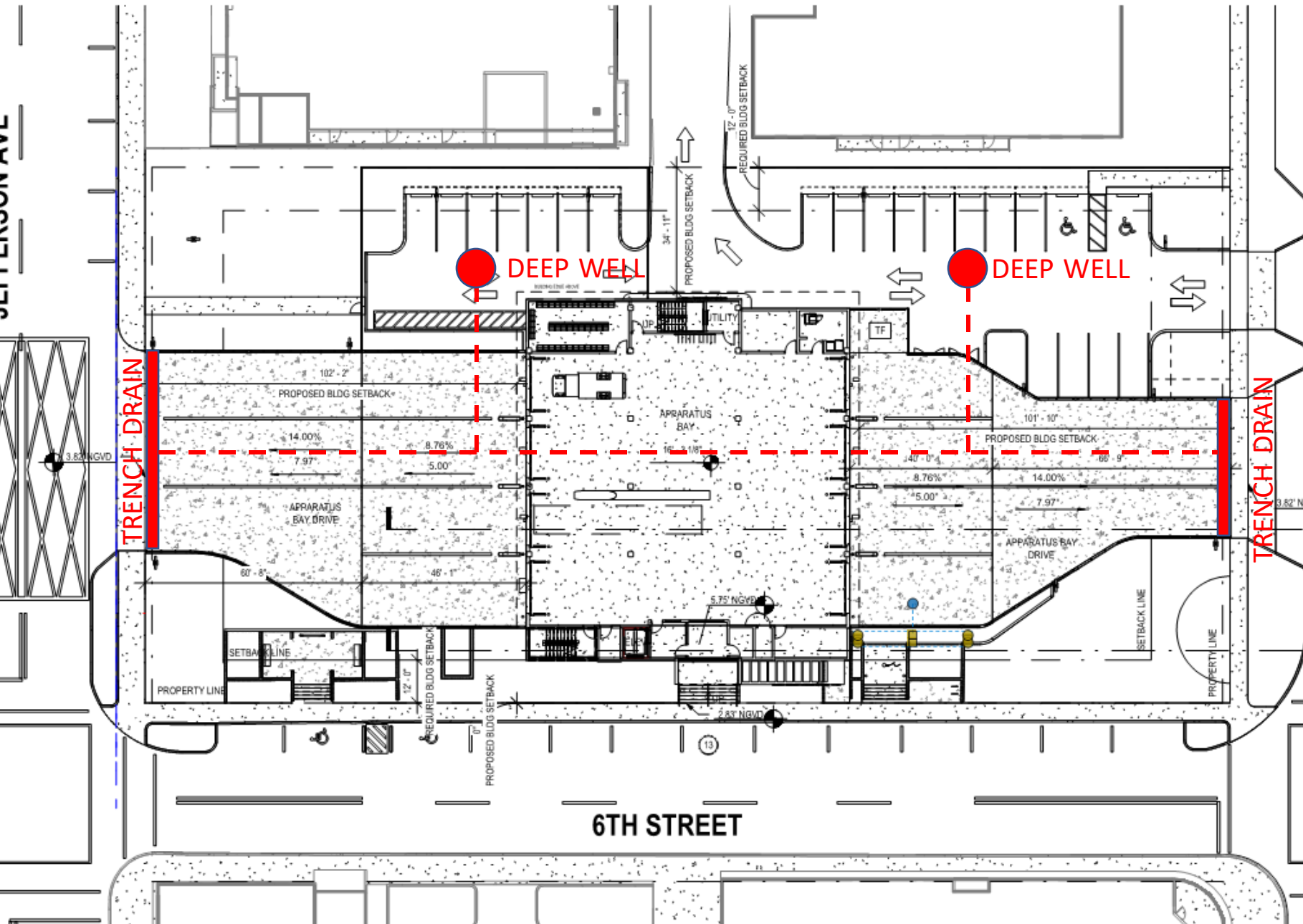
Roof Equipment Screen



Four-Fold Bay Doors

Site Design

- Stormwater that sheet flows on ramp is collected at the bottom landing via a trench drain.
- All the collected water is piped to the proposed deep wells as shown.





PROPOSED DESIGN - VIEW FROM 6TH STREET

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PROPOSED DESIGN - VIEW FROM 6TH STREET

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PROPOSED DESIGN - VIEW FROM 6TH STREET

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PROPOSED DESIGN – OUTDOOR FOYER WITH PLANTERS AND TRELLIS

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PROPOSED DESIGN – FOLDING CONCRETE EYEBROW @ MAIN ENTRY

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PROPOSED DESIGN – NORTH ELEVATION – COVERED PARKING ENTRY / EXIT

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PROPOSED FIRE STATION

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