

# Golden Gate Park Reservoir and Pump Station

## Civic Design Review Phase 1 | August 21, 2014

BUILDING DESIGN & CONSTRUCTION  
S.F. DEPARTMENT OF PUBLIC WORKS



# Golden Gate Park Reservoir and Pump Station - Site Analysis

## I. Existing Site Analysis, Site Circulation, & Access

- The Recycled Water Storage Reservoir and Pump Station will be located in the existing compost facility of Golden Gate Park. The GGP compost facility is located on a hill in the geographic center of the park. The site and surrounding areas within are owned by the City and County of San Francisco, Recreation & Park Department. It is screened by trees from public view. Access to the site is from Overlook drive which runs parallel to the north side of the compost area. To the north of the site is Lloyd Lake and JFK drive. To the east is Crossover Drive (19th to Park Presidio Dr.) and Stow Lake. To the west is Middle Drive and Elk Glen Lake. To the south is Speedway Meadow. The site is located on Assessor's Block 1700, in a P (Public) zoning district. The proposed underground reservoir and above ground pump station will be located immediately east of the existing Central Pump Station and Reservoir No 1 & 2. GGP composting will occur on top of the underground reservoir and next to the pump station.



# Surrounding Area



5



1



2



1



2,3,4



1,4

- 1 Compost facility & compost area
- 2 (E) Central Pump Station
- 3 Underground Reservoir No 1 & 2

- 4 Screens of Trees
- 5 Lloyd Lake, Glen Lake and Stow Lake







**Project Site**

0 1,500 3,000 Feet



**PREFERRED PIPELINE ALIGNMENT**

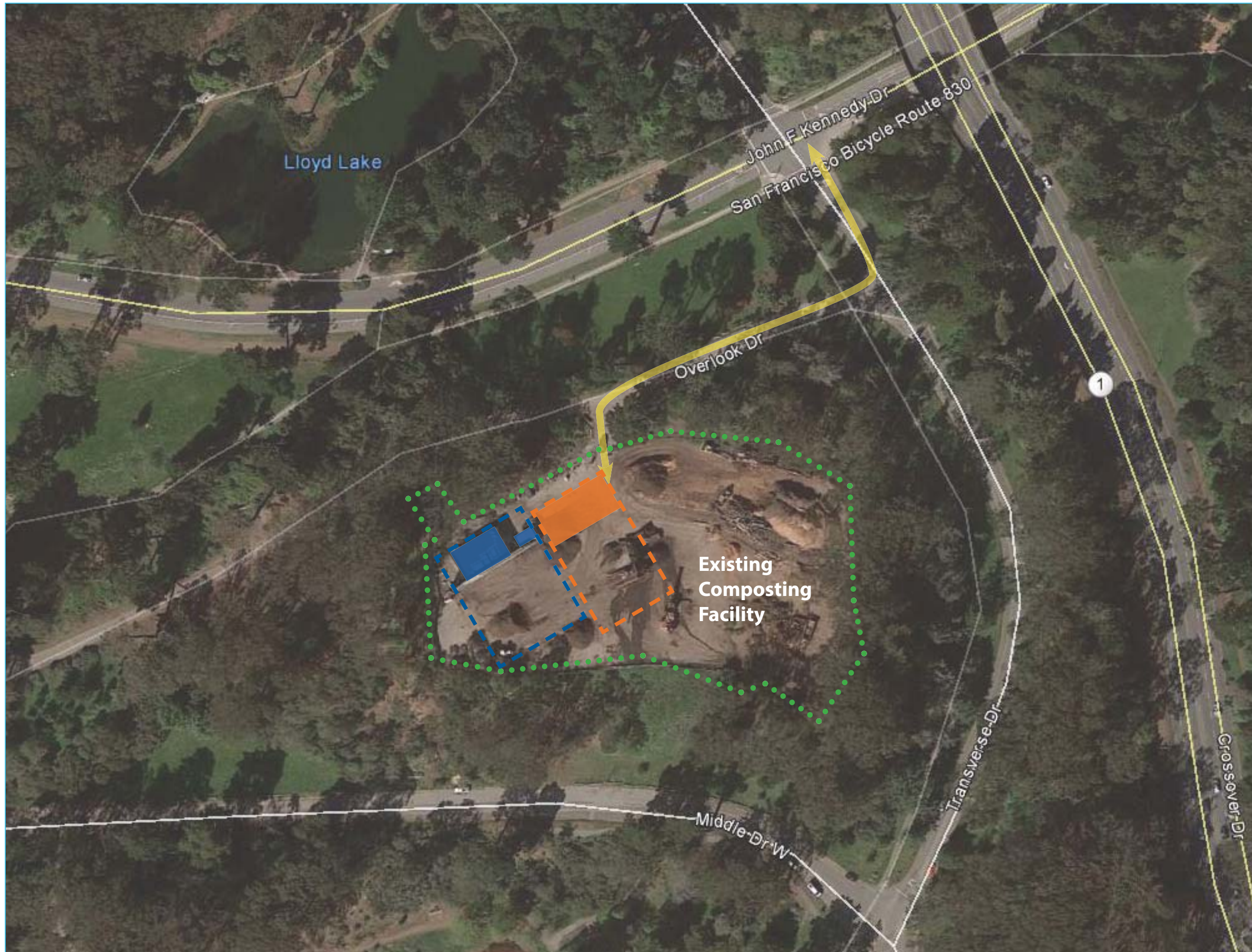
**CUSTOMER AREA SERVED**



# Existing Site Conditions







**Legend**

- (E) Pump Station
- (E) Buried Reservoir 1&2
- (E) Fence Line
- Proposed Buried Reservoir 3
- Proposed Pump Station
- Entry & Exit



# Golden Gate Park Reservoir and Pump Station - General Design

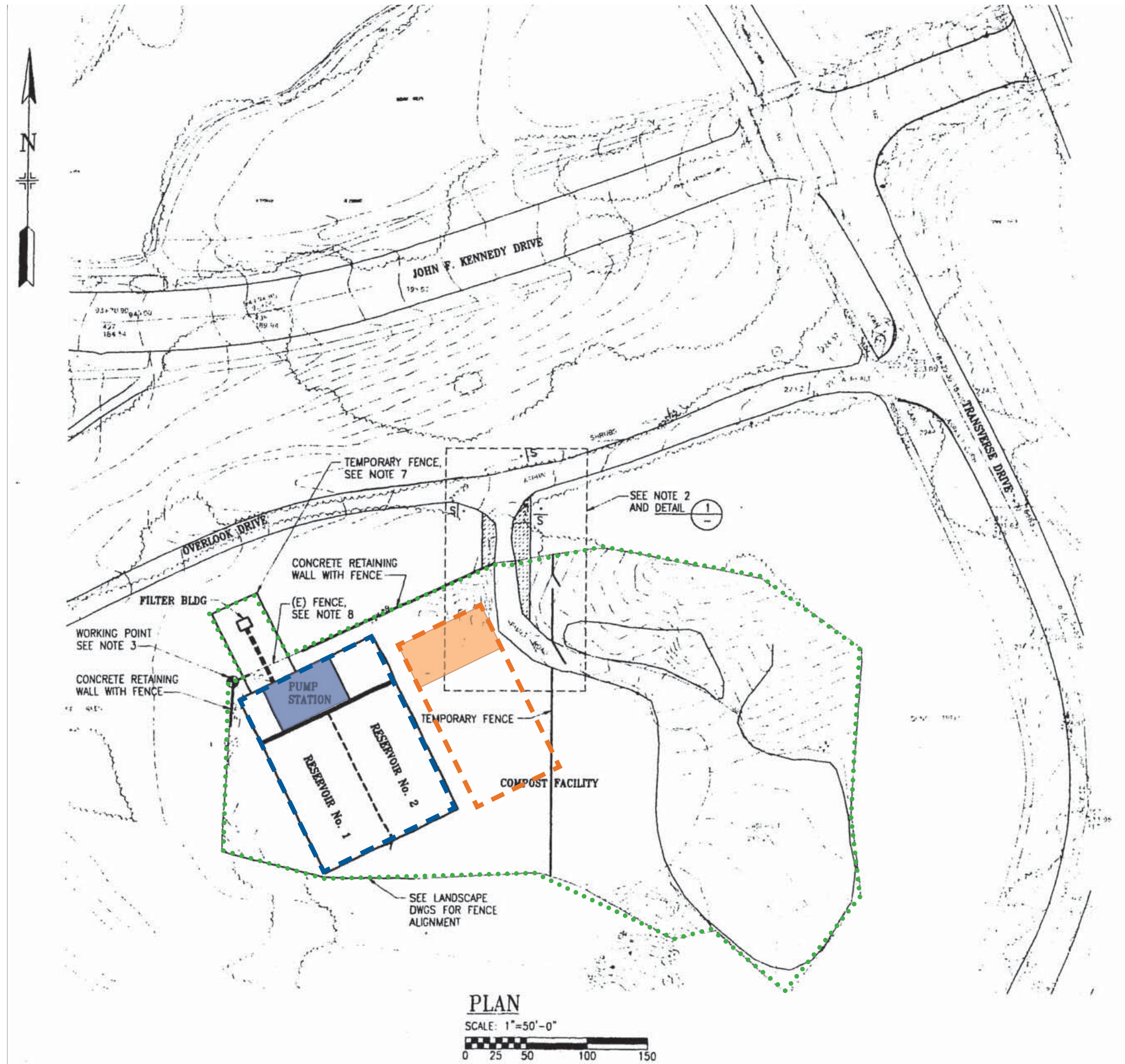
The New Recycled Water Treatment Facility will be located inside the Golden Gate Park Compost Facility. Building design and aesthetics will be contemporary in harmony with the existing Pump Station and Golden Gate Park. Design will also be influenced by compost operation requirements.

## General Design

- to provide a protective envelope for the mechanical requirements of the project
- to organize the mechanical, electrical, and operational functions into an efficient package
- to deliver recycled water for irrigation
- to provide processes for water storage, monitoring, and delivery
- to support electrical and mechanical functions
- to create minimal visual and environmental impacts

## The Design goals of the proposed site location are:

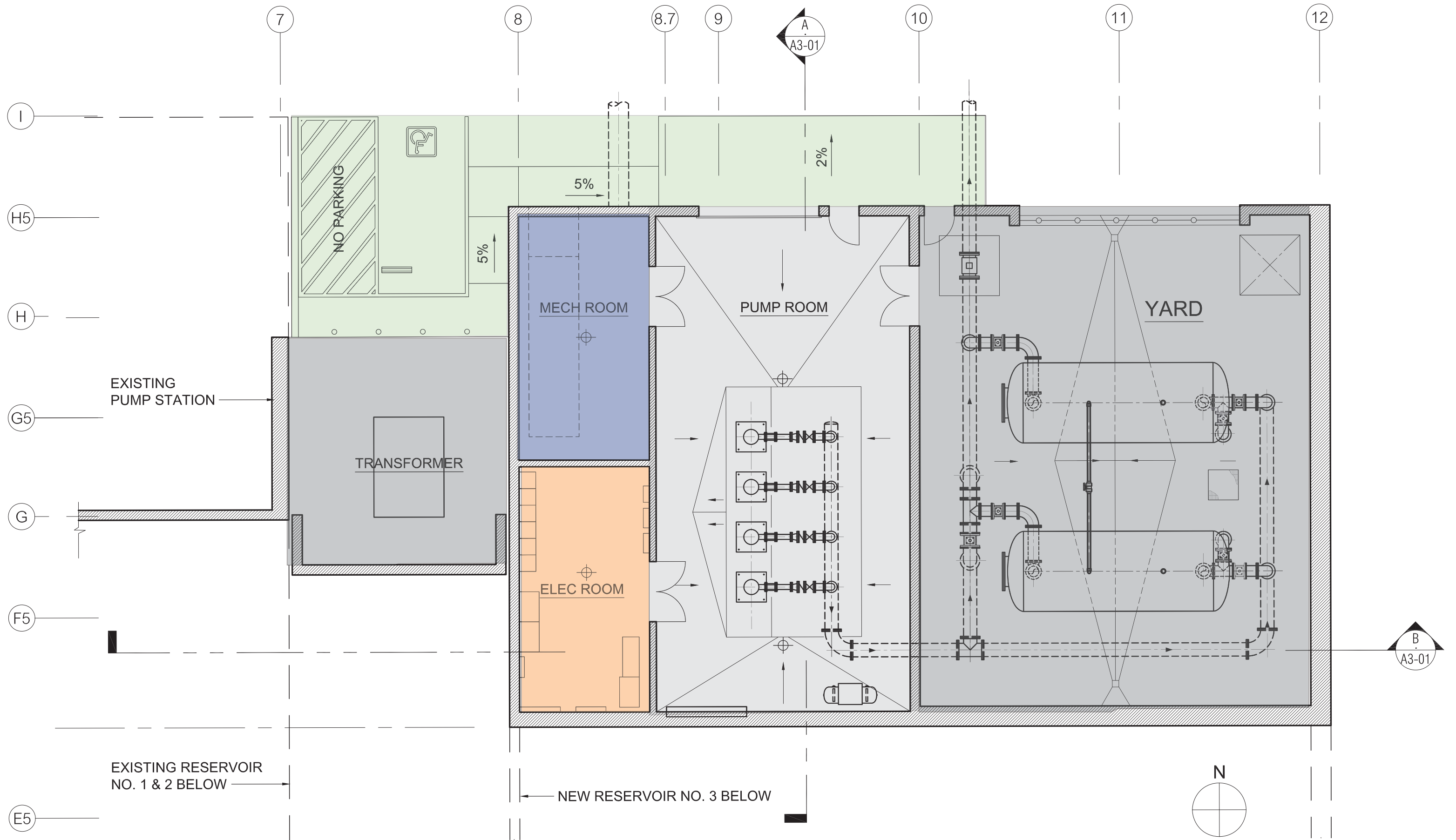
- Minimize the visual massing impact of the new structures as viewed from the surrounding areas.
- Keep the building height.
- Allow for the greatest future implementation of Golden Gate Park Recreation and Park Department needs.
- Use architectural building language developed for existing Central Pump Station.
- Facilitate GGP composting storage and production.
- Screen (E) Compost Yard & Pump Station from public view.



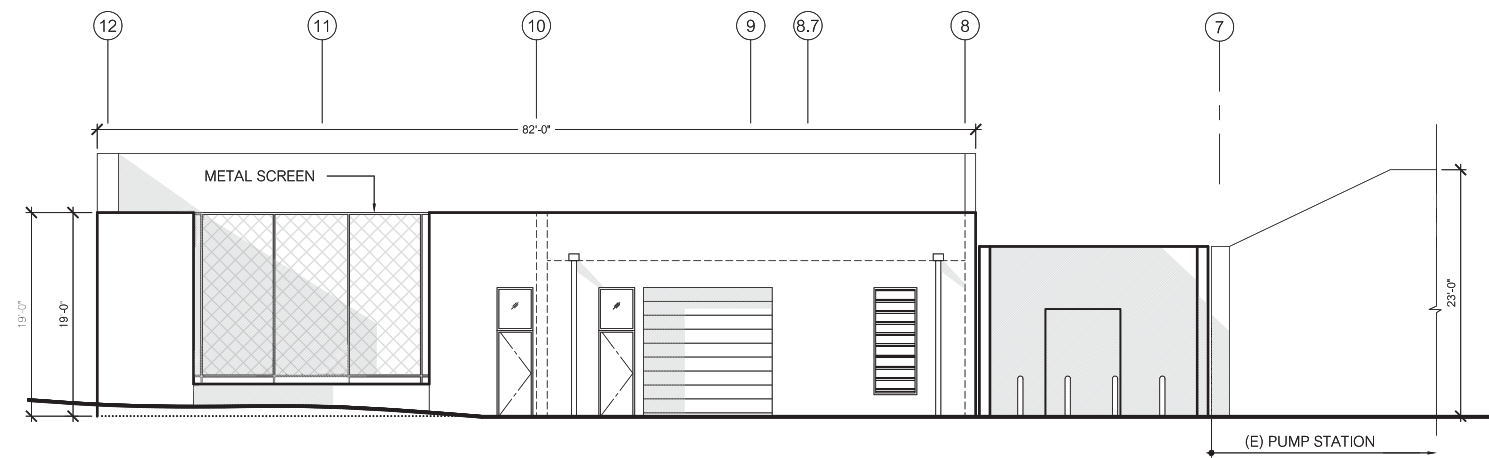
## Legend

- Existing Pump Station
- (E) Buried Reservoir #1&2
- (E) Fenced in Yard Boundry Line
- Proposed Pump Station
- Proposed Reservoir #3

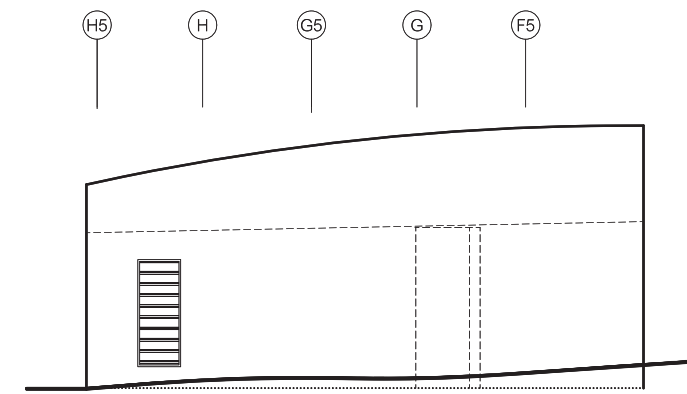




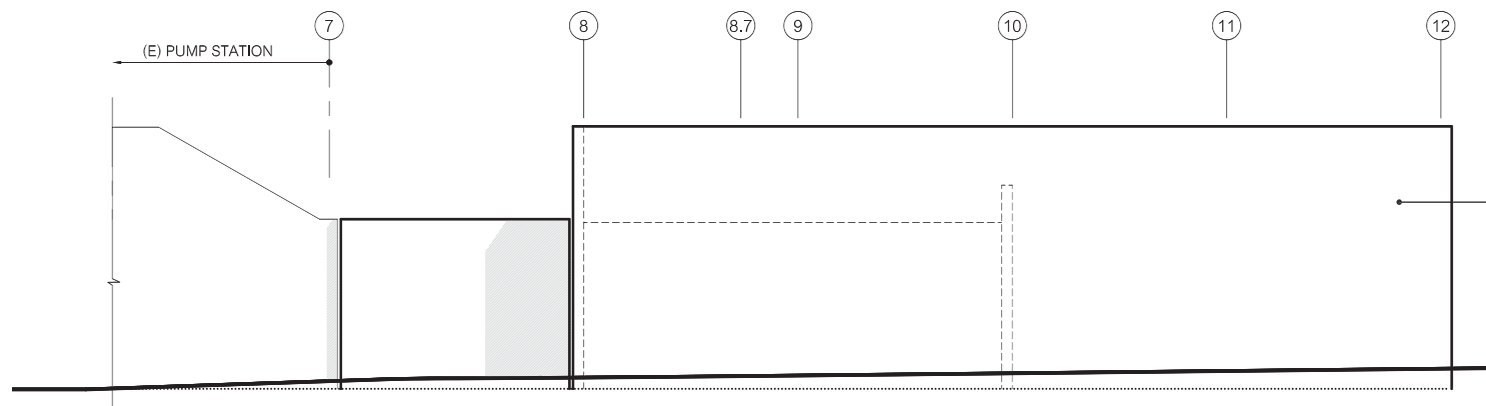




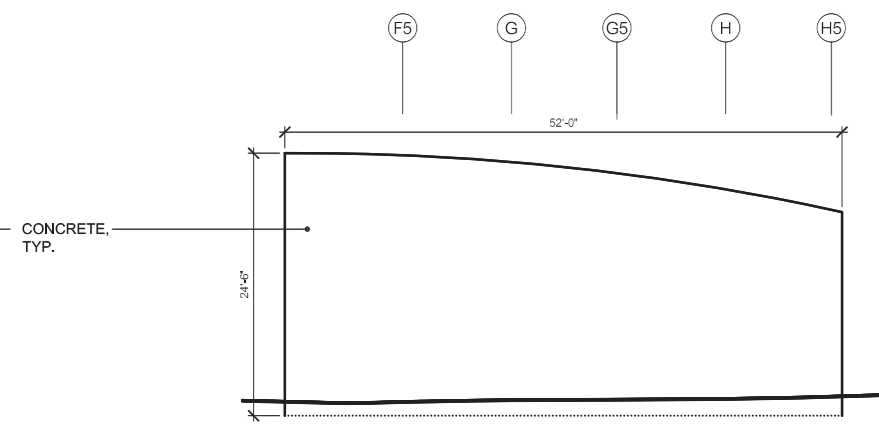
North Elevation



East Elevation



South Elevation



West Elevation





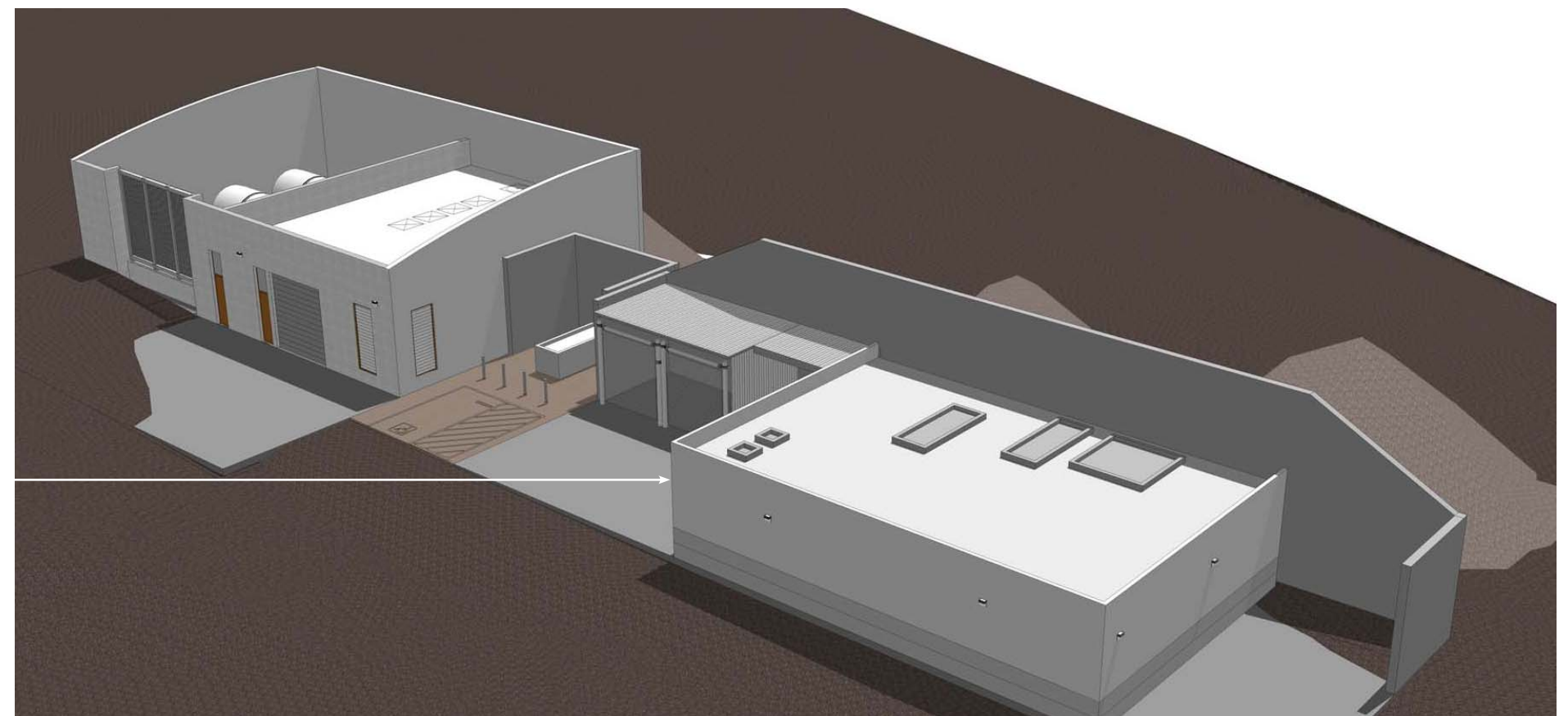
East/West Section





Existing Pump Station

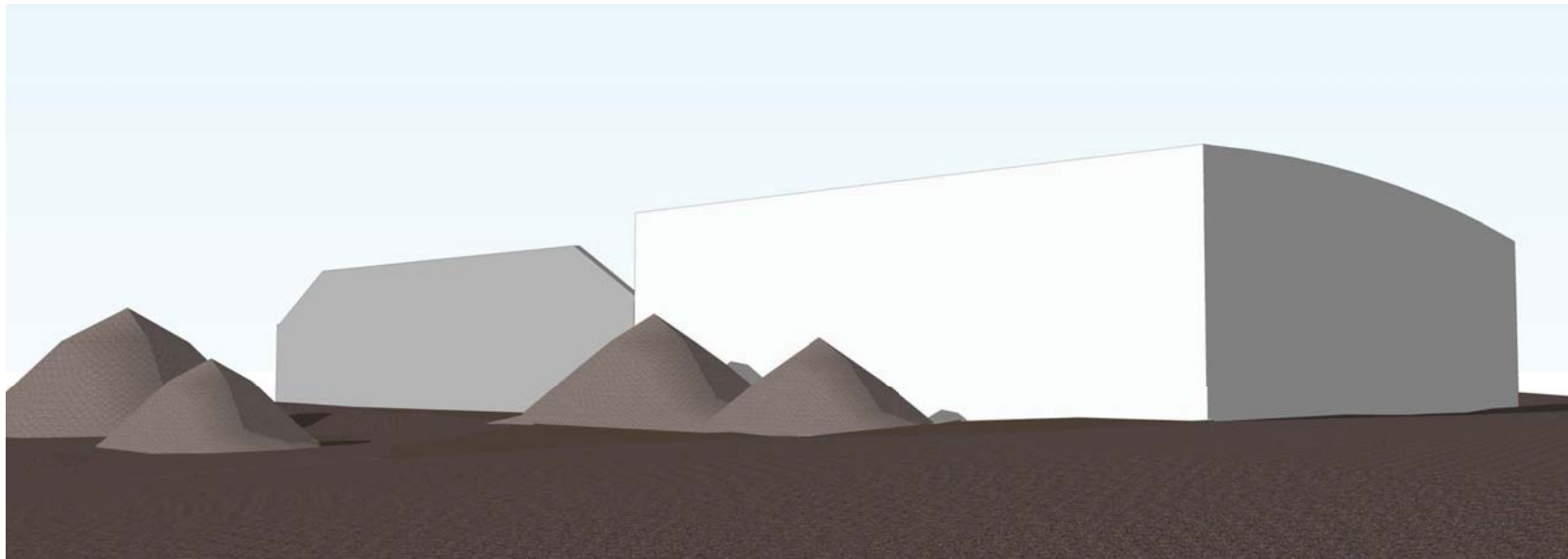
North East Aerial



Existing Pump Station

North West Aerial





South West Perspective from Compost Yard



North West Perspective



North East Perspective



# Materials Board



Boardform Concrete



Parking



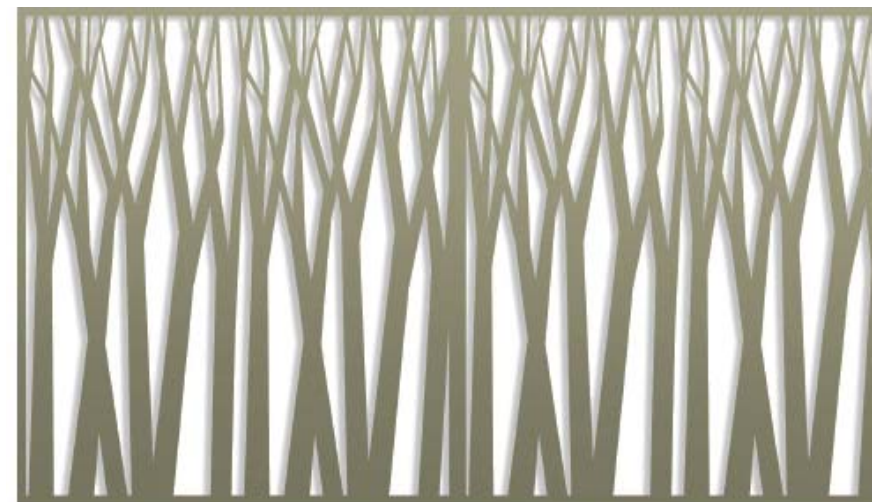
Louvers



Asphalt



Concrete



Screen Fence



Panels