Civic Design Review Phase 2
Westside Recycled Water Project

Project Objective:
The San Francisco Westside Recycled Water Project will design and construct treatment and distribution system facilities required to produce and deliver recycled water to serve irrigation and other non-potable uses in the western area of the City. The use of recycled water will offset the current use of groundwater, and domestic supplies for non-drinking use. The project will serve Golden Gate Park, Lincoln Park Golf Course, and Presidio Trust Properties.

Design Constraints:
The new recycled water facility must fit into the existing Oceanside Water Treatment Plant. Impact to the existing water treatment facility is to be minimized. The existing plant is contained within 45’ high retaining walls that visually screen the plant from the surroundings. These retaining walls will limit access to service and replace equipment. Equipment replacement on the 2nd floor will require the use of a crane from a second story exterior landing.

Building Solution:
A 26,700 sq. ft. two story structure located at the northeast corner of the existing administration building. The second floor will be aligned with the existing promenade. A north/south service corridor will be used to access equipment. The west elevation will consist of a removable wall system for access to the microfiltration and reverse osmosis units.

Building/Landscape Design Objectives:
Transparency in Water Conservation Processes: The new structure will emerge from the existing promenade and culminate into a westward translucent wall that silhouettes water recycling mechanics. Removable light transmission panels will be provided in the west elevation for the replacement of reverse osmosis and microfiltration skids. Building design and aesthetics will be contemporary in harmony with the existing treatment Plant. The new structures will be reinforced concrete and glass. Material will be corrosive resistant. A green roof will enhance LEED aspects of the project and fit into the existing OWPCP. Water treatment educational display panels can be provided at the site for tours.
OVERSEE THE YARD
Civic Design Review Phase 1

Motion to approve contingent upon:

(1) eliminating the door on the second floor
(2) using small horizontal sunshades on the control room on the south façade rather than the more expensive electrochromatic glass
(3) eliminating bumps and jogs on the south stairway
(4) eliminating the “water drop” wall
(5) on the west façade, keeping the parapet flush with the two wingwalls
(6) using the façade treatment detailed in drawing 6.1c.6
(7) supplying more detail on the landscape plan
Civic Design Review Phase 2 [Nov]

Motion to approve denied:
(1) Should read as ‘one building’ -- eliminate dark frame & simplify
(2) Study stair tower (channel glass vs. vision glass)
(3) Study fenestration/glazing divisions
(4) Approve removal of exterior concrete stair
(5) Approve landscape phase 1
(6) Approve vertical channel glass
Civic Design Review Phase 2 [December]

Westside Recycled Water Project

**Vertical Channel Pattern**

- Vertical Channel Glass - Varying texture/opacity pattern - @ Stair tower
- Vertical vision glass panels
- Shear walls offset from corner
- Mechanical Process Diagram Canyon feature wall
EXISTING WALL FOCAL ELEMENTS

EXISTING PAVING CONDITIONS

GRANITE PAVERS
CONCRETE PAVING
PAVERS WITH GRAVEL
FOCAL ELEMENTS - EXISTING AND PROPOSED

Elements on the wall that reference the stages of the water treatment process.
FOCAL ELEMENT #5
PLANT PALETTE - ROOF

1. Eriophyllum confertiflorum  
   Golden Yarrow
2. Festuca idahoensis  
   Idaho Fescue
3. Stachys bullata  
   Hedge Nettle
4. Eschscholzia californica  
   California Poppy
5. Dudleya caespitosa  
   Sea Lettuce
6. Aster chilensis  
   California Aster
7. Erigeron glaucus  
   Seaside Daisy
8. Layia platyglossa  
   Tidy Tips
9. Recycled Glass
PLANT PALETTE
PARKING LOT

1. Dracaena draco
   Dragon Tree
2. Agave attenuata
   Foxtail Agave
3. Phormium tenax
   Yellow Wave Flax
4. Phormium tenax
   Margaret Jones

Westside Recycled Water Project | Oceanside WPCP, San Francisco | Civic Design Review Phase 2 | December 15, 2014