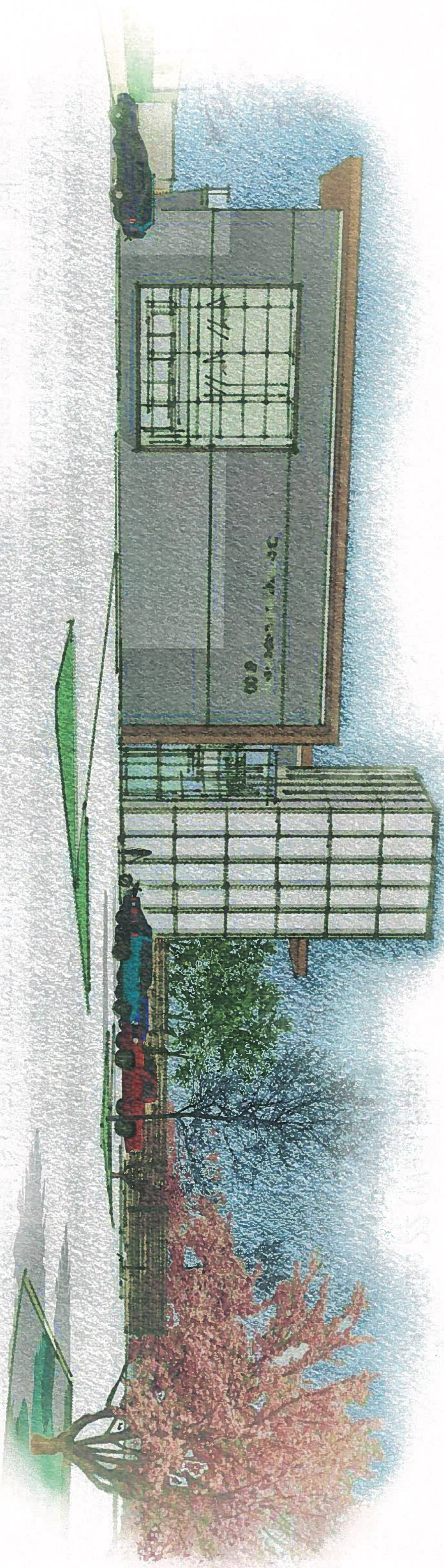


D.C. Tillman Multipurpose and Office Building





WaterReuse Los Angeles Chapter Meeting April 9, 2013

City of Los Angeles, Donald C. Tillman Water Reclamation Plant

- **4 Wastewater Treatment Plants and Major WaterReuse Centers**

- Hyperion Treatment Plant (300 mgd)
 - Title 22 (West Basin)
 - Indirect Potable Use (West Basin)
- Los Angeles Glendale Water Reclamation Plant (20 mgd)
 - Title 22 (Griffith Park, Zoo,...)
- Terminal Island Water Reclamation Plant (20 mgd)
 - Indirect Potable (Dominguez Gap)
- Donald C. Tillman Water Reclamation Plant (80 mgd)

- The treated effluent from DCTWRP is a major contributor to the water flow in the Los Angeles River. During dry weather periods, the plant contributes up to 60-70% of the total flow in the river. The Title 22 effluent is used to enhance public recreational areas including the Japanese Garden, Balboa Lake, Wild Life Lake and the Los Angeles River which are utilized by several million residents of the City and County of Los Angeles. The use of tertiary treated effluent for irrigation of these areas as well as feed to the various lakes and rivers also relieves the need to supply fresh water for these purposes, thus freeing up much needed fresh water.



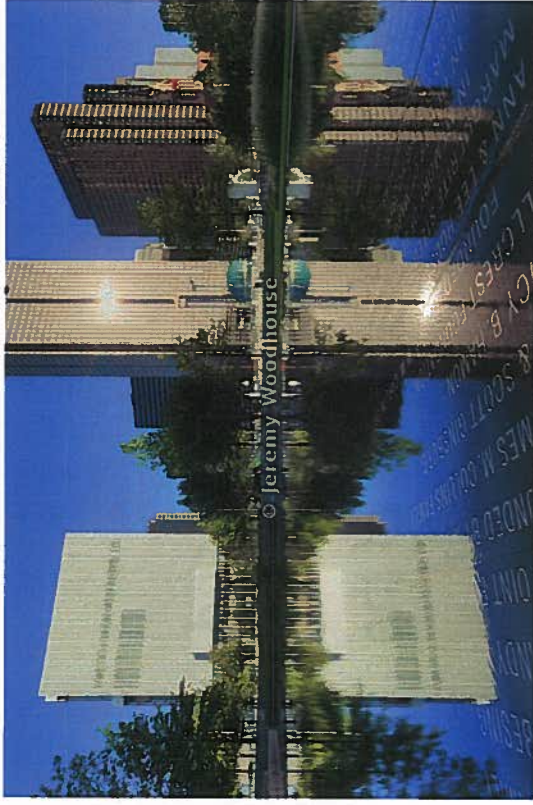


WaterReuse Los Angeles Chapter Meeting April 9, 2013

City of Los Angeles, Donald C. Tillman Water Reclamation Plant

- **DCTWRP Multipurpose Facility objectives:**
 - Education and outreach programs and provide the public a space to conduct community meetings and neighborhood council meetings.
 - Permanent offices for the Bureau of Sanitation's staff, volunteers and docents who conduct tours of the garden.
 - Protect public health and the environment through public education on the urban water cycle, urban infrastructure, drinking water, wastewater treatment, water recycling, beneficial reuse, watersheds, urban runoff, receiving waters and environmental careers.
 - Become an important center for the City residents for environmental learning, inspiring future generations to protect public health and the environment through sustainable practices.
 - The facility incorporates other sustainable building practices which may include: construction and demolition recycling; solar panels, a demonstration wind turbine; solar water heaters, chilled beam air conditioning system; skylights; double pane windows; bike racks/showers; indoor air quality features (e.g., low VOC emitting paints and carpet). The facility also includes space to house two floors of interactive exhibits.
 - Facility is designed by Bureau of Engineering Environmental Engineering Division partnered with Parsons Corporation.

Lantern & Water Feature



Donor Reflecting Pool at the AT&T
Performing Arts Center by Michel
Desvigne of Paris in collaboration with JJR



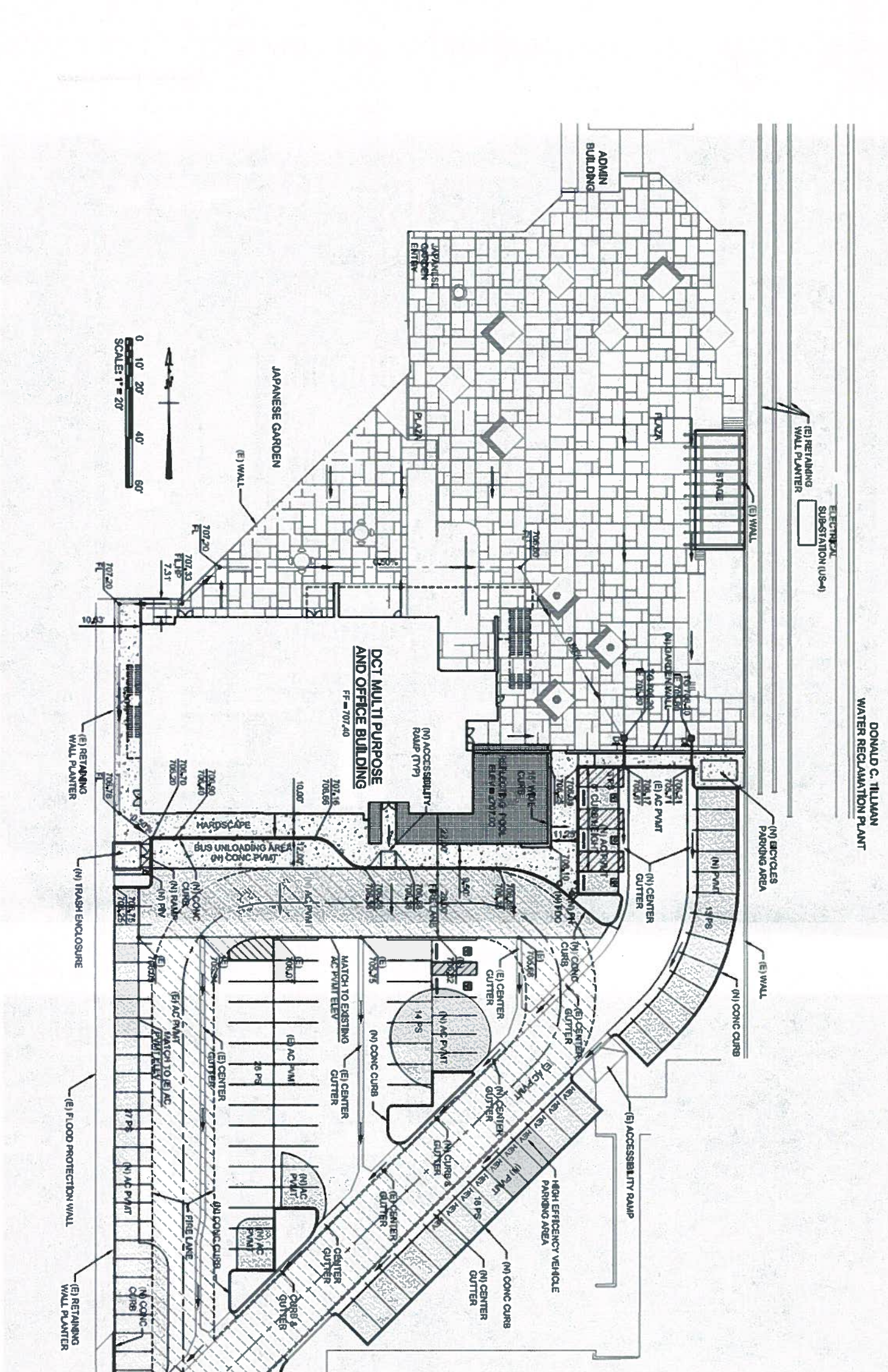
Architect Shin Takamatsu
Kirin Plaza – Night and Day View



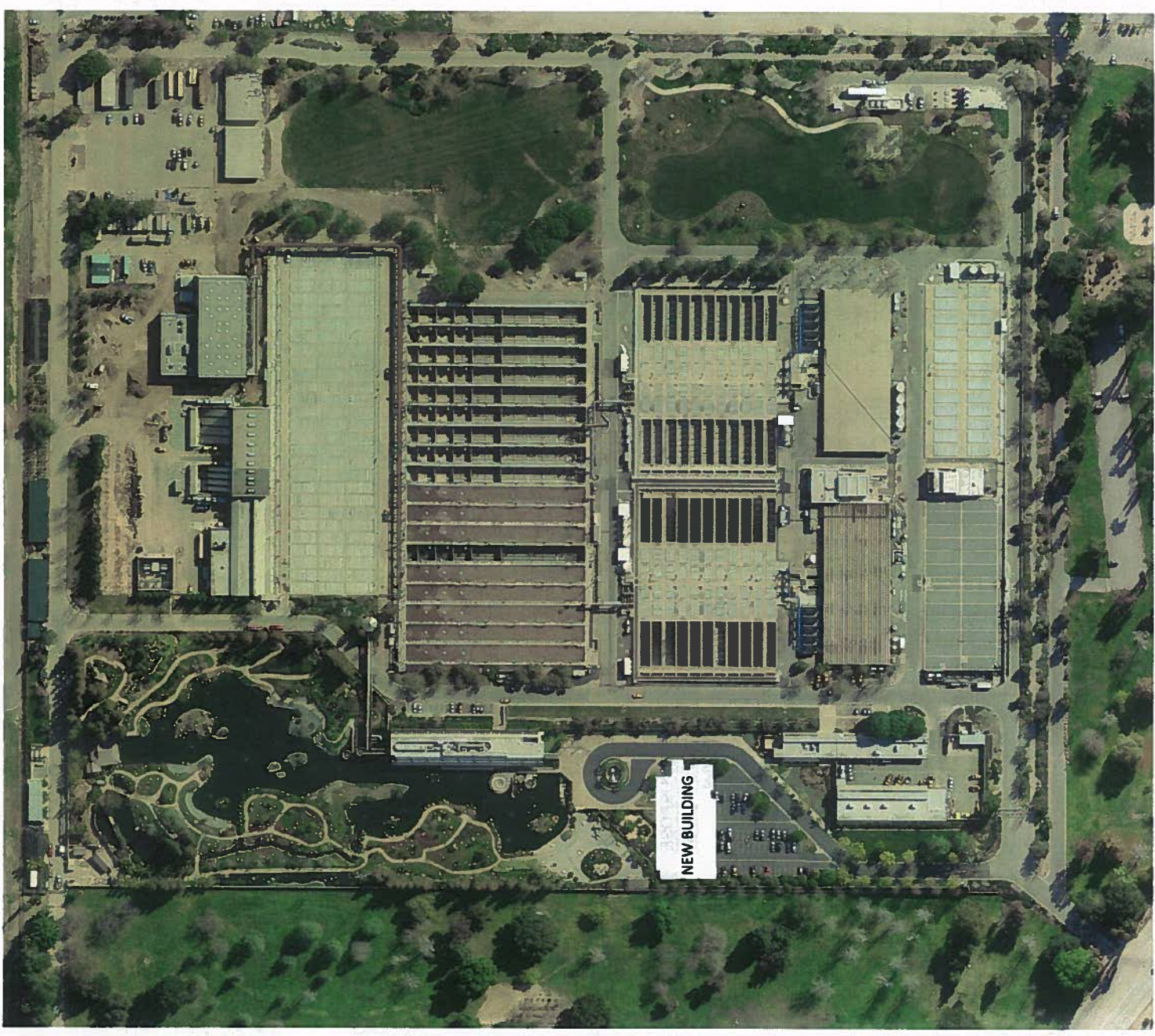
Floating Lantern



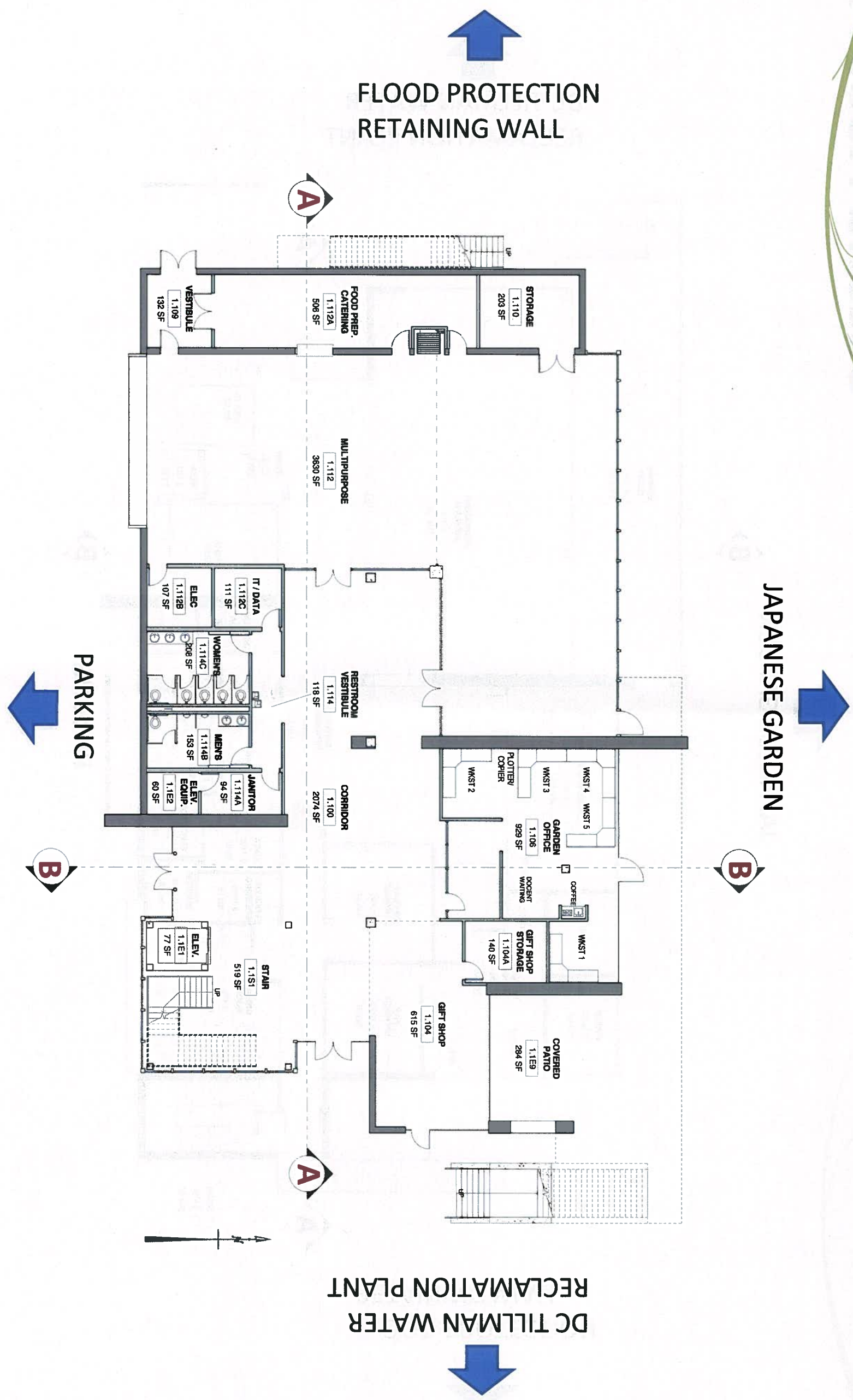
Copyright Dwight K. Morita



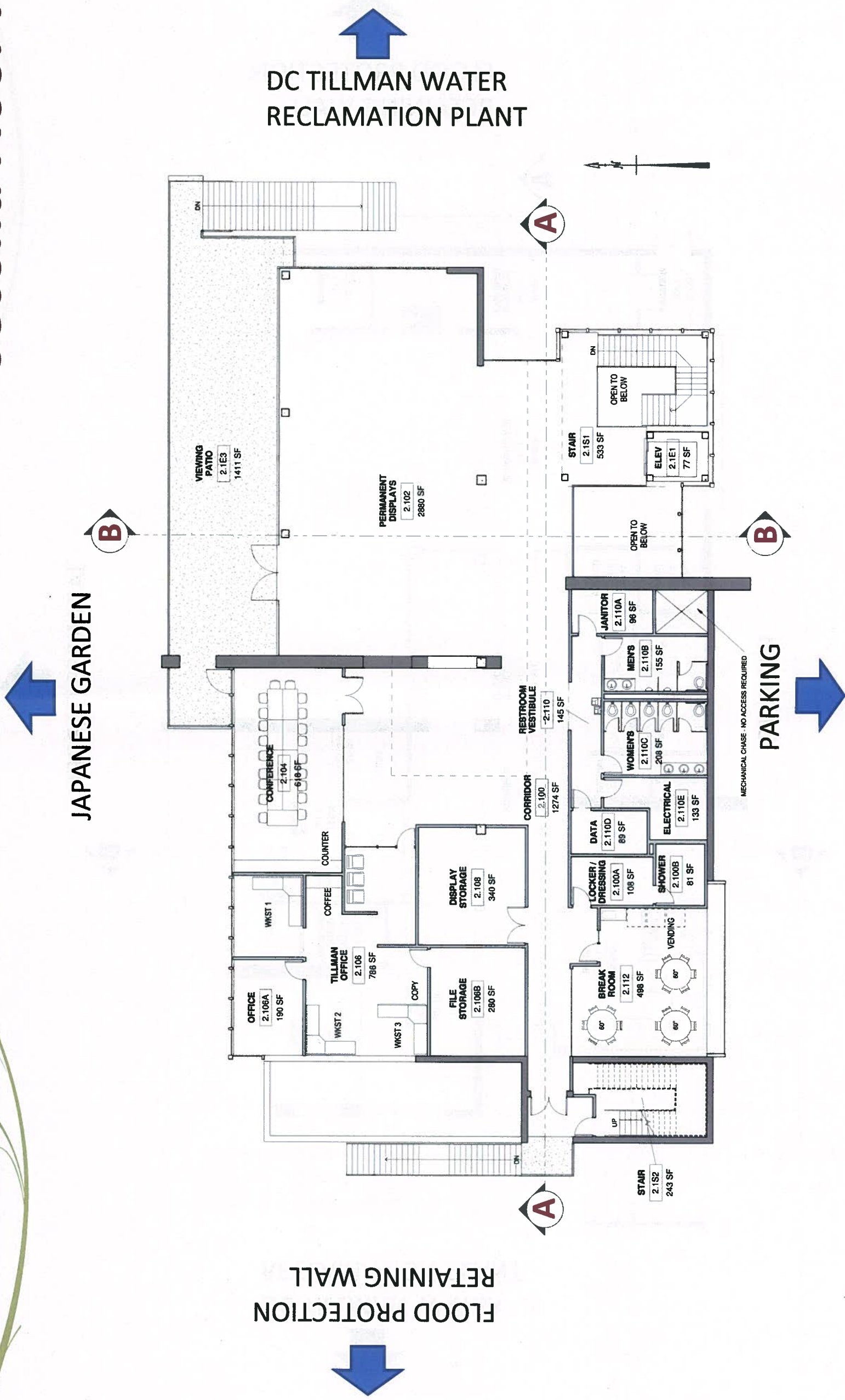
Aerial Photo of the Site



First Floor Plan



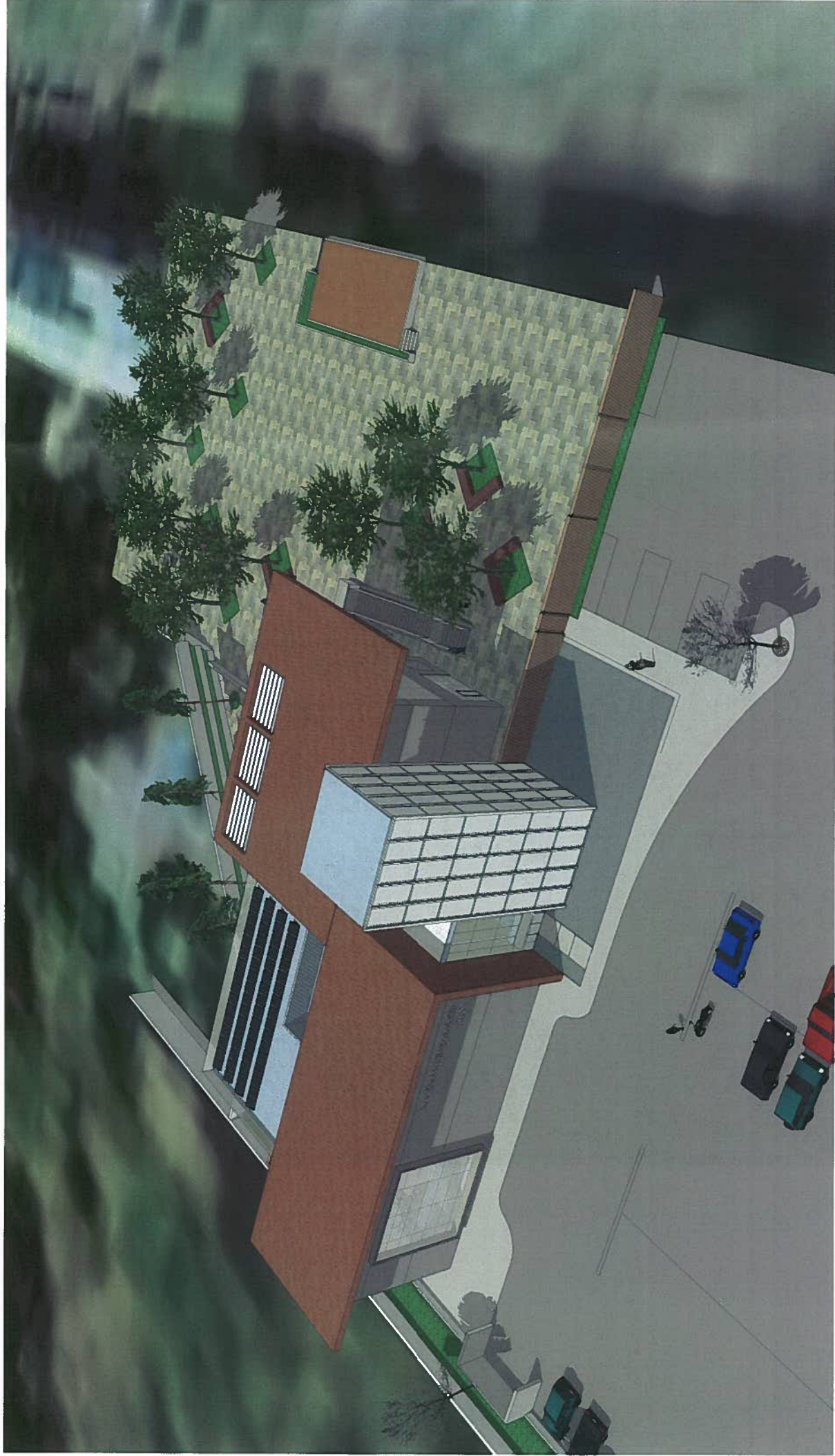
Second Floor Plan



View from Parking Entry

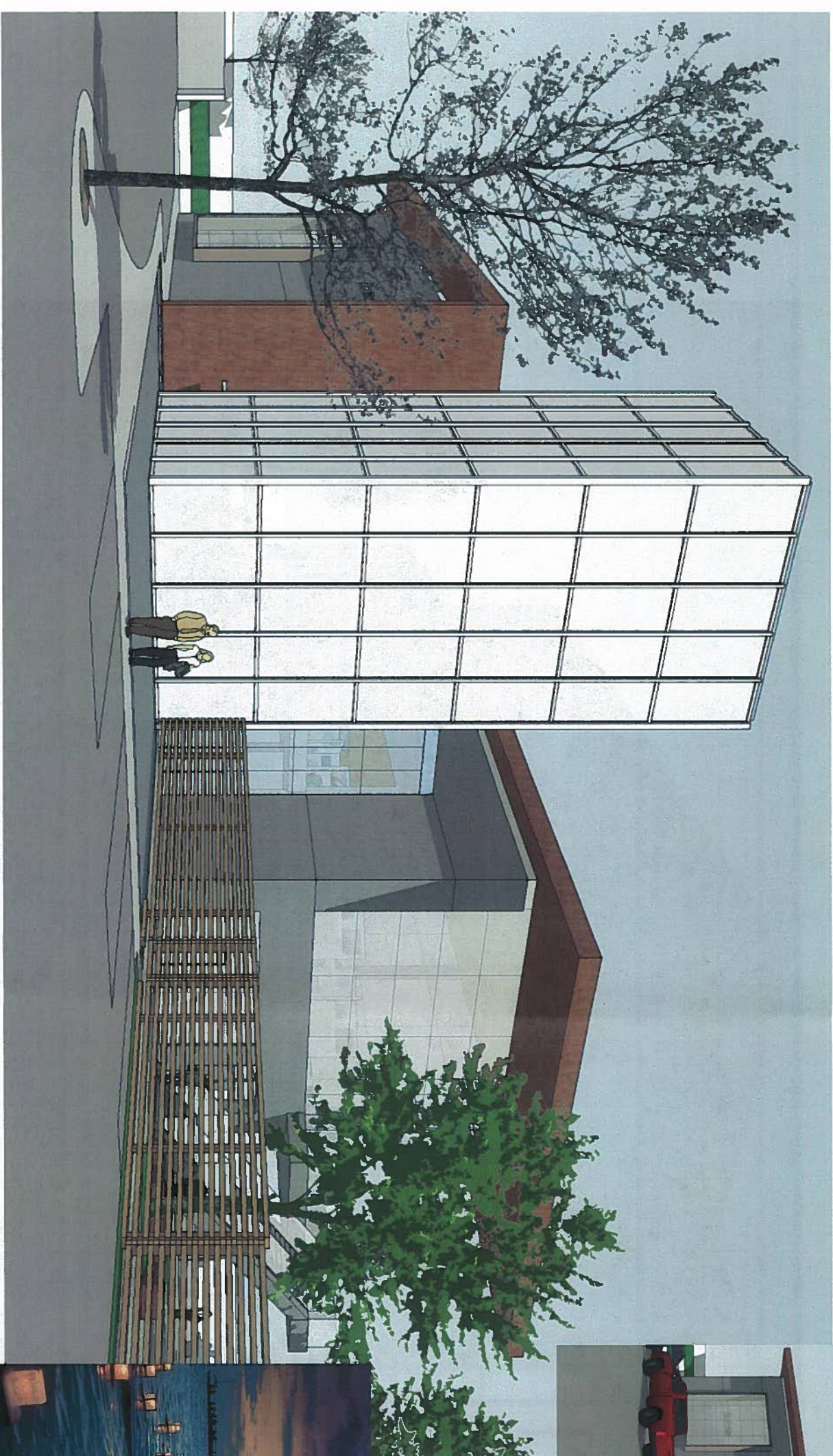


Origami Roof





Floating Lantern



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View from Stage



Birdseye View



