

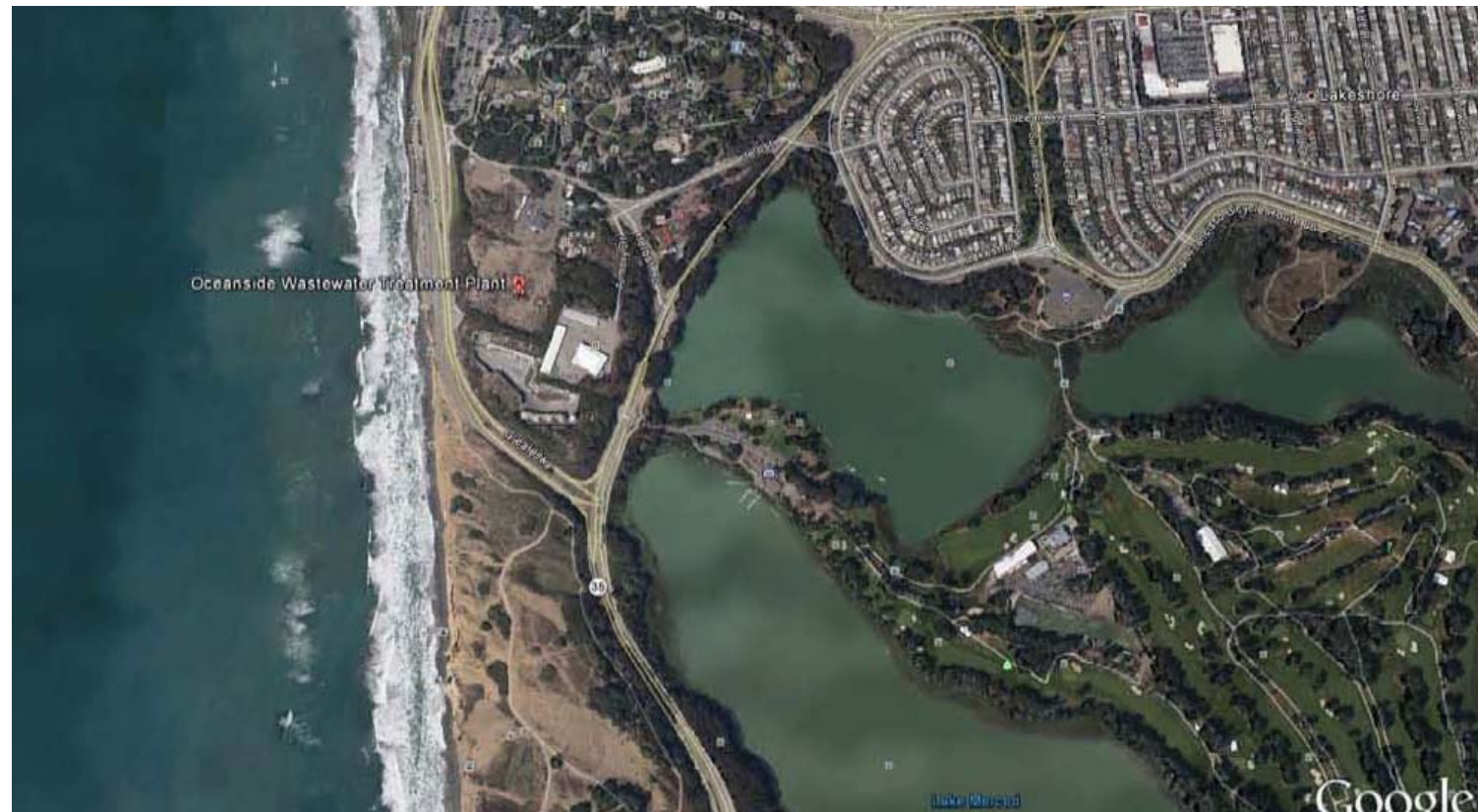


Awning Replacement | Civic Design Review Phase 3 | May 18, 2015

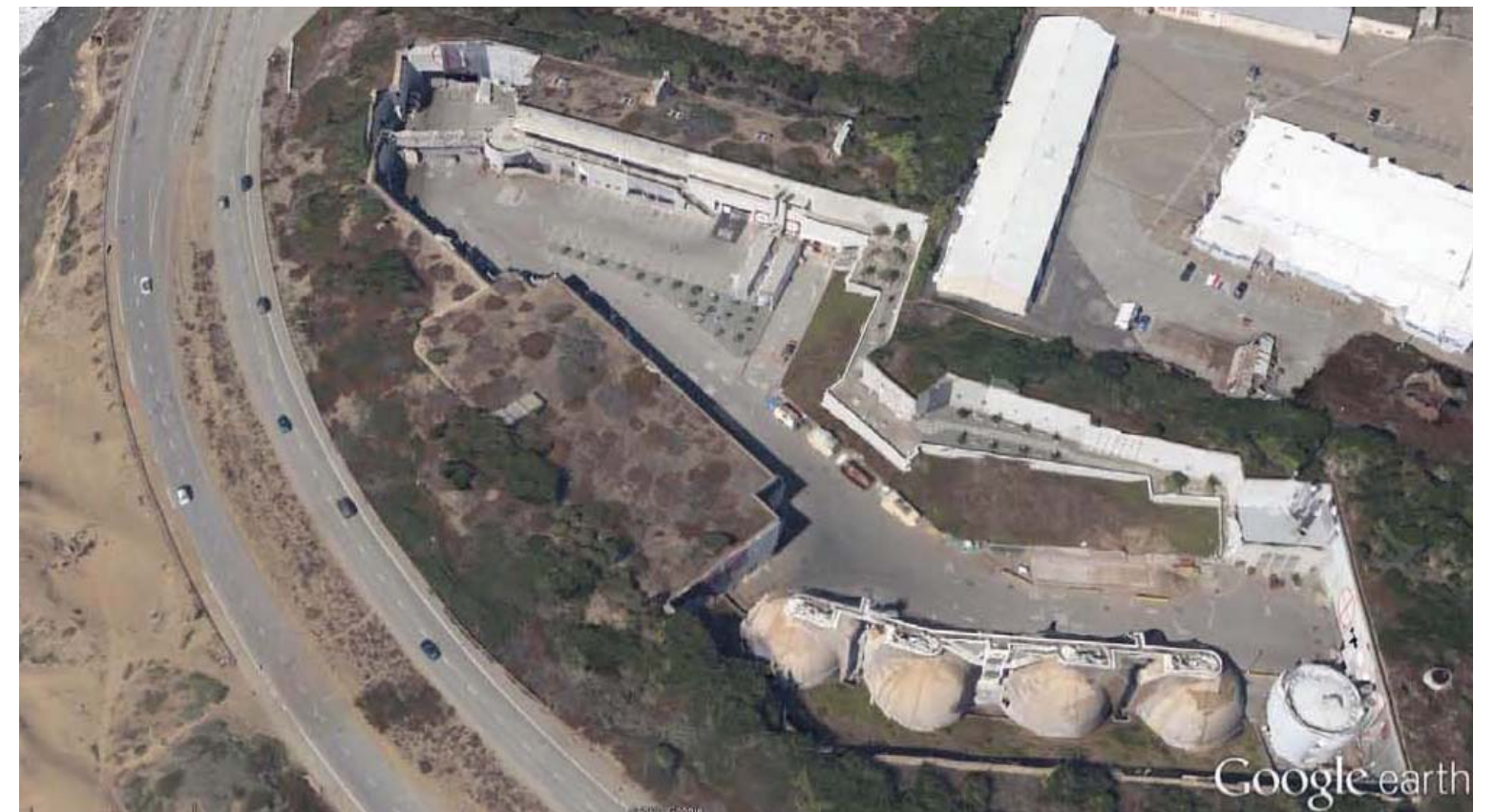
Design- Bid- Build Project

Building Design and Construction
SF Department of Public Works

Building 930
Oceanside Water Pollution Control Plant



Project Location Aerial Map
Oceanside Wastewater
Treatment Plant



Existing Site Aerial Image

CANOPY DESIGN CRITERIA

- The goal of this project is to maintain the identity, character, and dimensional integrity of original awning design. The new awning will replace corroded carbon steel frame and defunct glass block cover with stainless steel framing and plastic glazing for increased corrosion resistivity, safety, and rain barrier to the building pedestrian access areas.
- Replace corroded steel frame and glass block canopy assembly at second floor of building 930, and add a new canopy at main entrance at first floor.
- Canopy at second floor shall follow the same design concept, dimensions, and suspended structural support engineered to withstand weight, seismic and uplift and related loads using same design system concept as existing.
- New canopy at entrance shall be inspired on the second floor canopy replacment for a unified design.
- New metal frames, metal plates, tabs, bracing, fasteners, and rod connections supports shall consist of Duplex Stainless Steel 2205 to withstand the corrossive environment of the coastal/marine zone while providing higher strength of the metal.
- Cover shall consist of lightweight translucent point supported Polycarbonate panels to provide provide protection against rain and condensation, shade to the interior spaces to avoid glare.
- The profile of the canopy replacement shall slop back to the existing concrete wall and shall be equipped with gutter to drain into the existing drain ports. New metal gutter shall possess the same corrossion resistivity as the new metal frame.
- New Canopy at first floor entrance shall slope away from building with no gutter at front.



Existing Building Elevation



Existing Awning at Second Level Looking North-

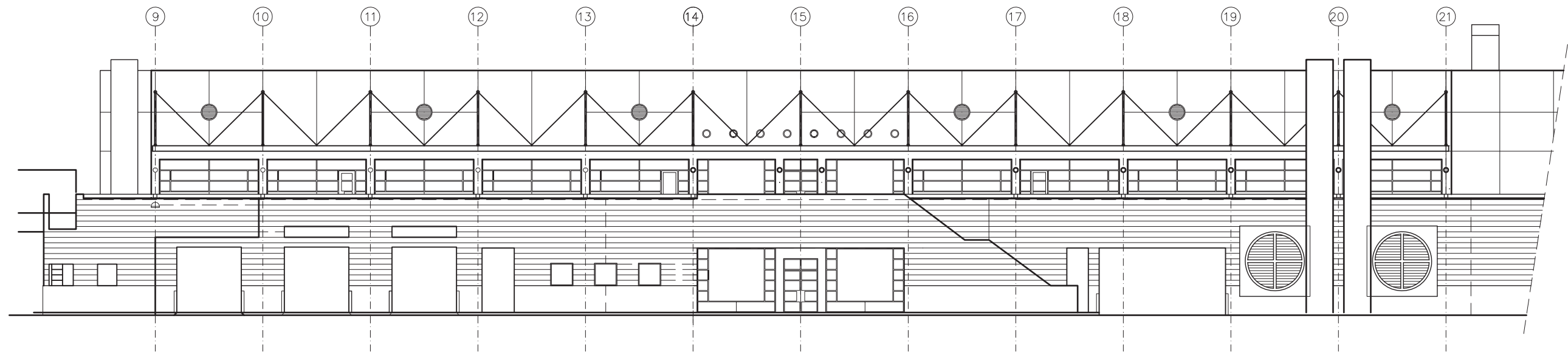


Existing Awning



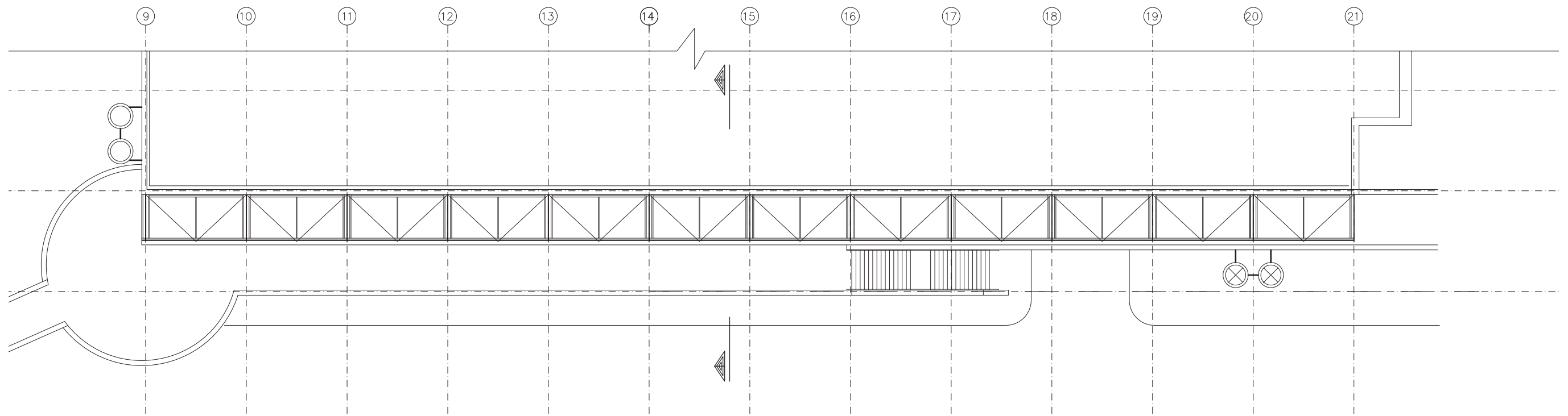
Existing Building
Entrance





EXISTING CANOPY ELEVATION

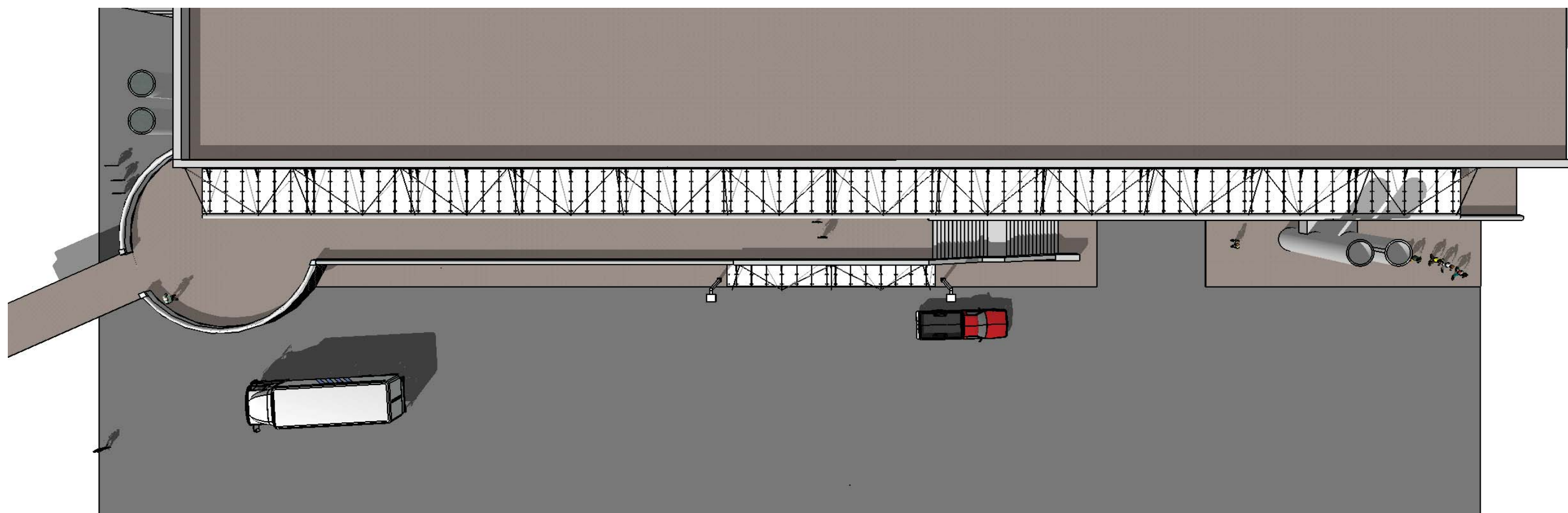
$3/32'' = 1'-0''$



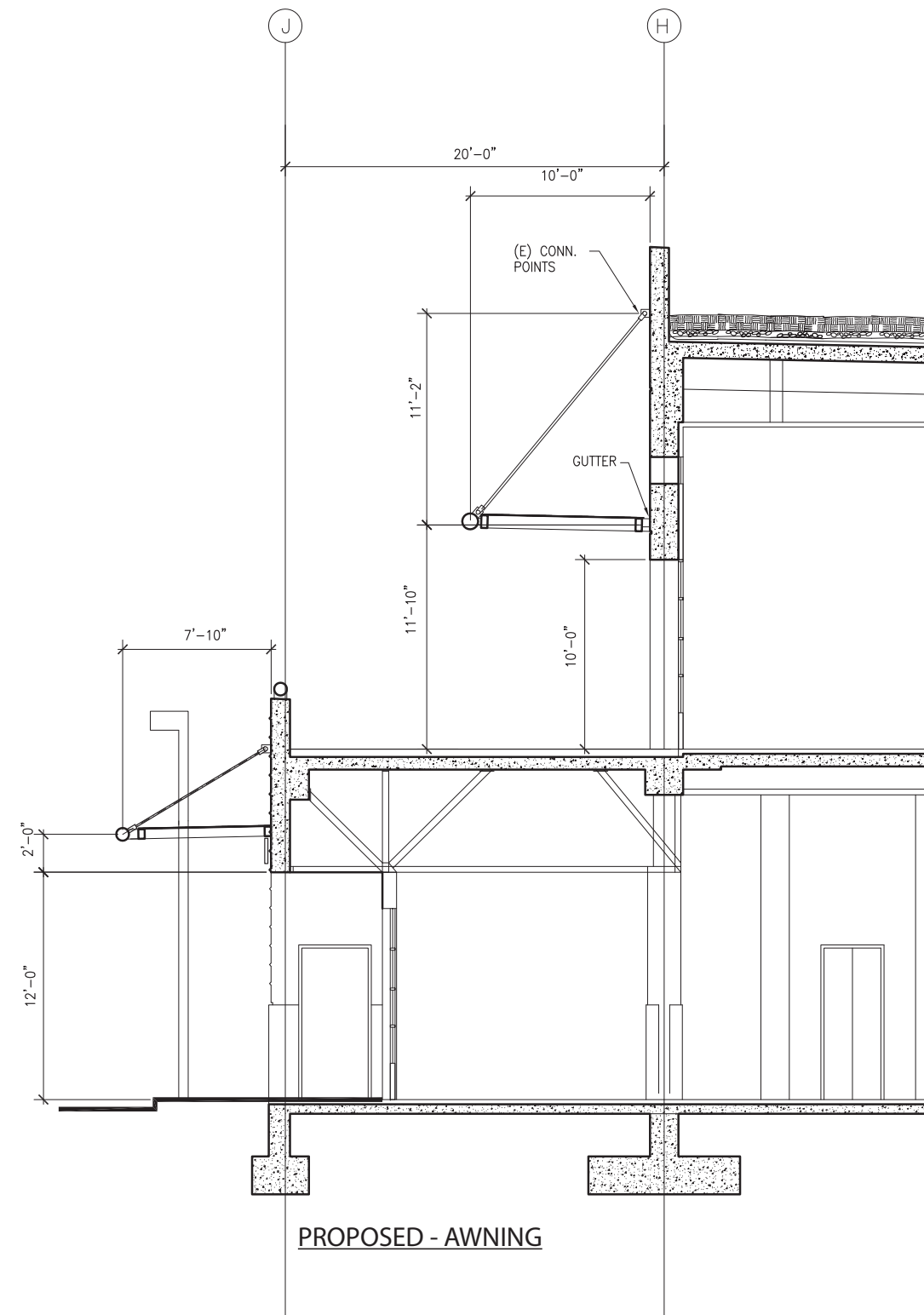
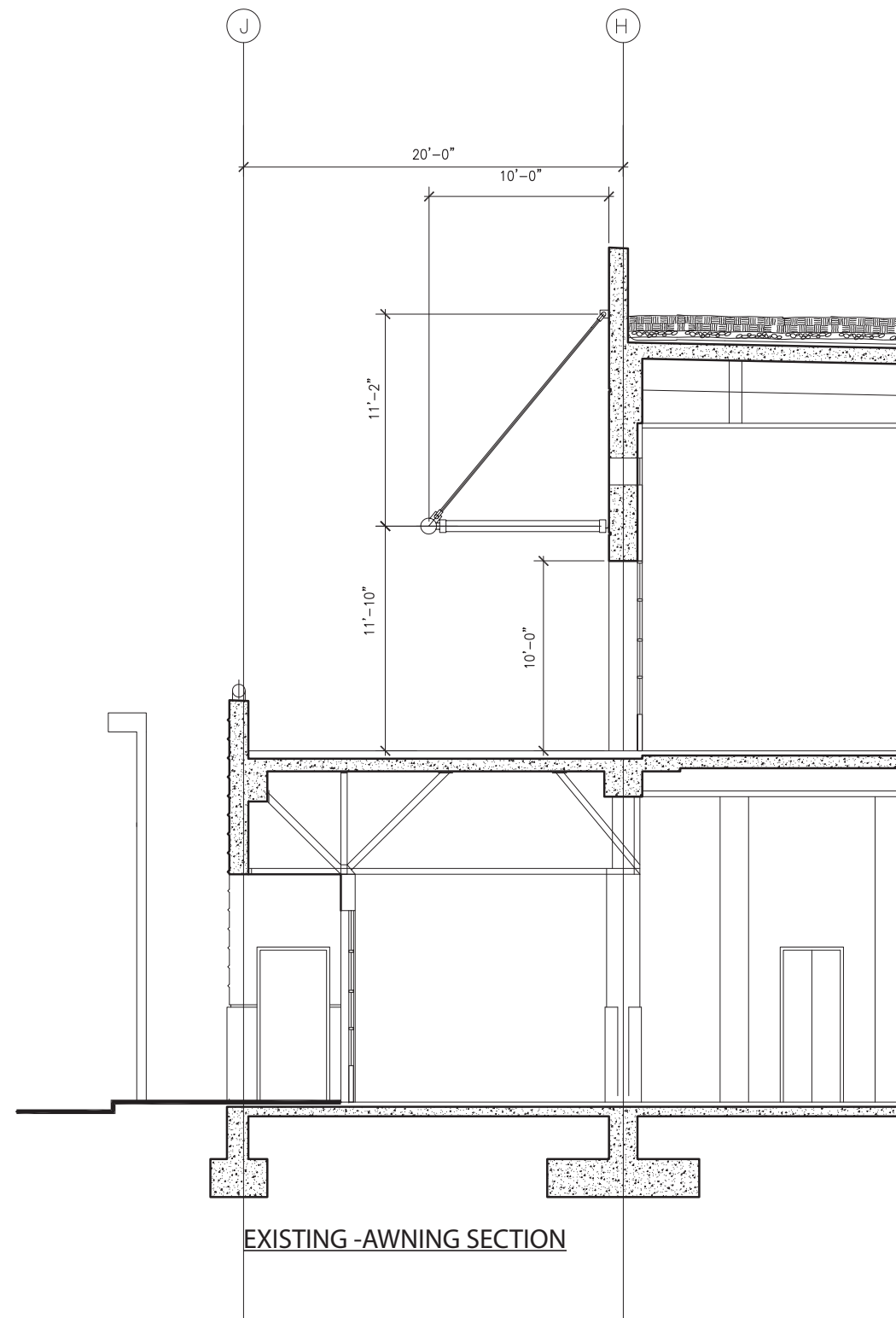
EXISTING CANOPY PLAN

$3/32'' = 1'-0''$

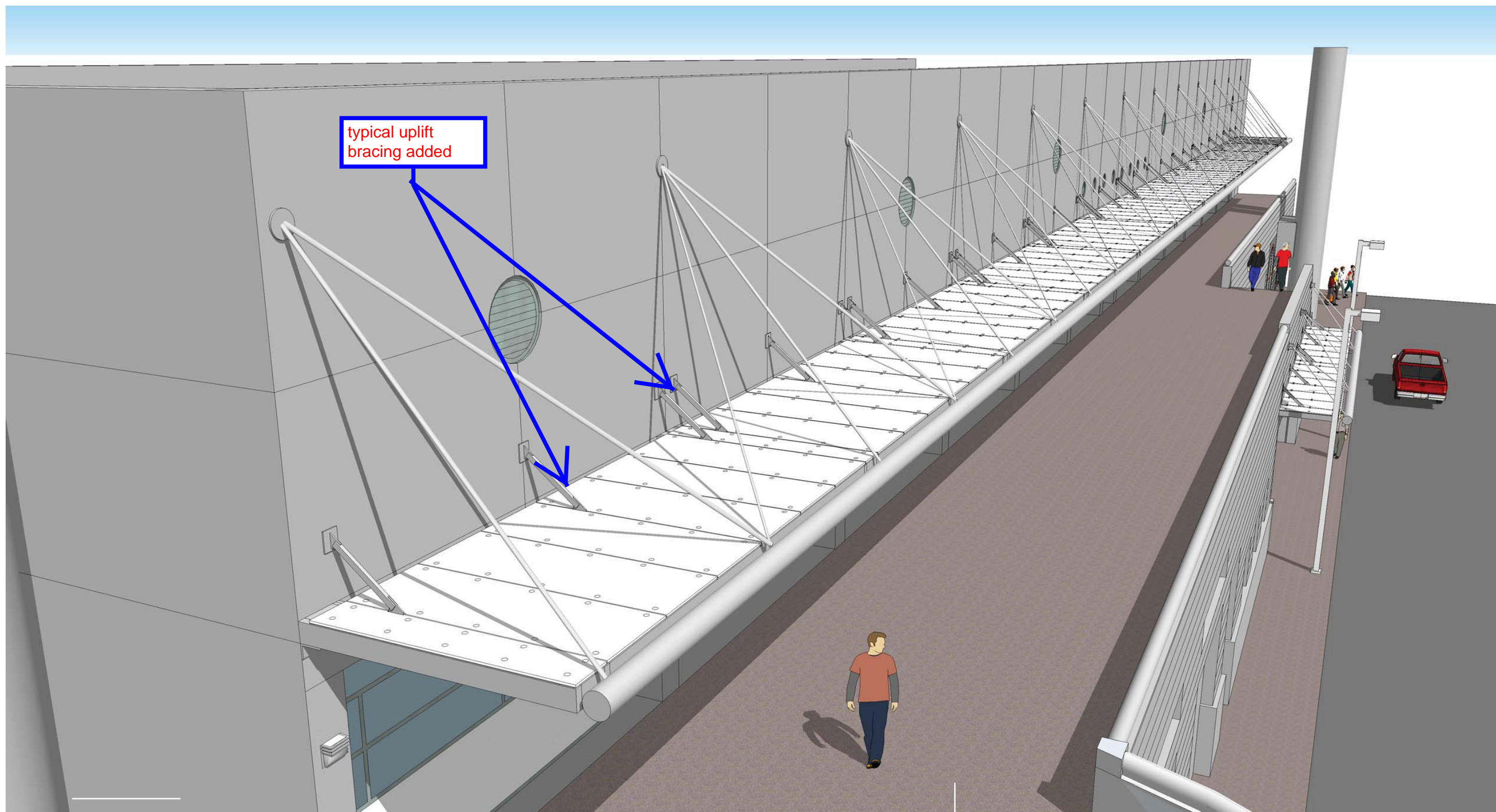
Existing South Elevation and Roof Plan



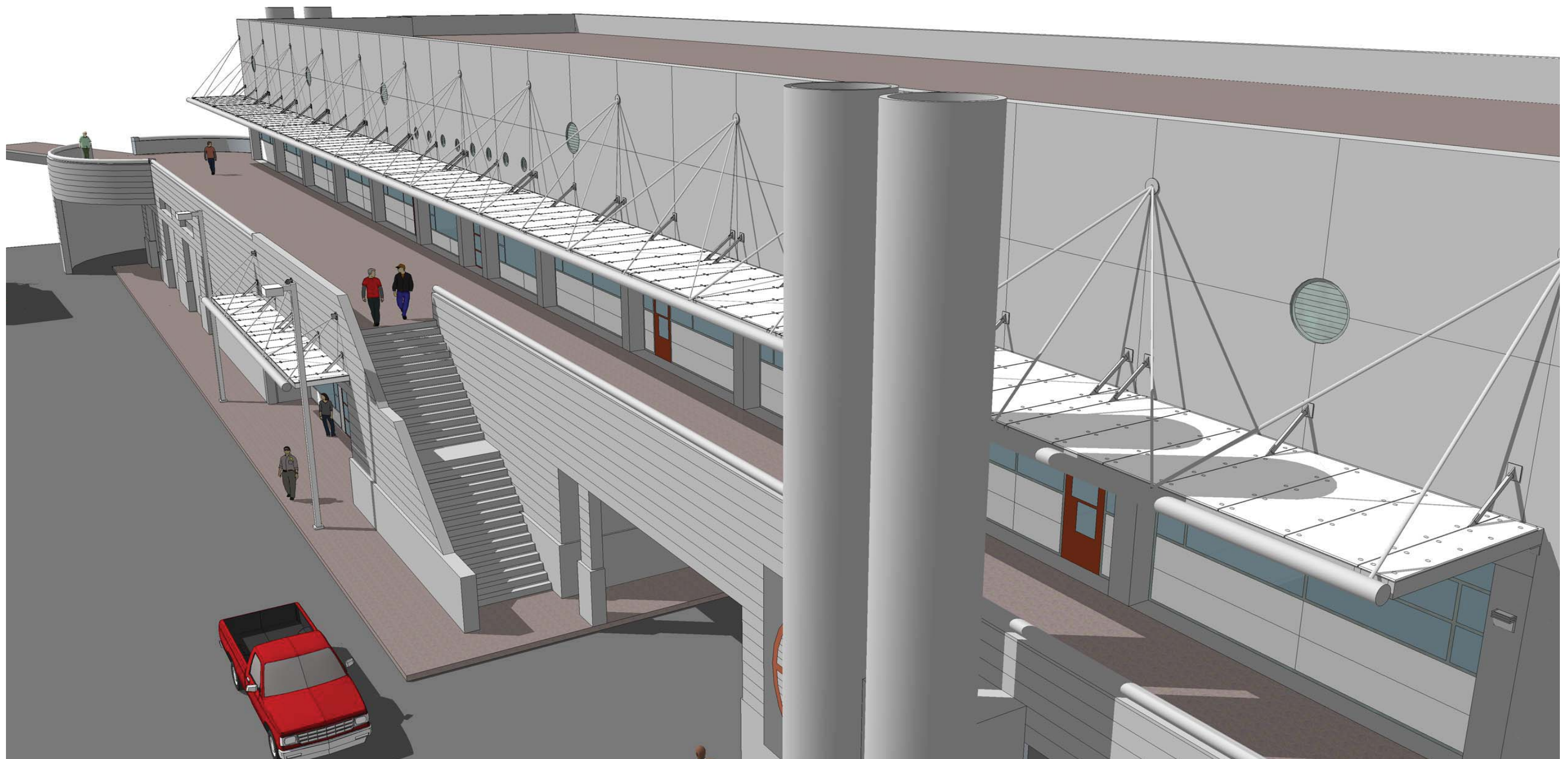
New Awning South Elevation and Roof Plan



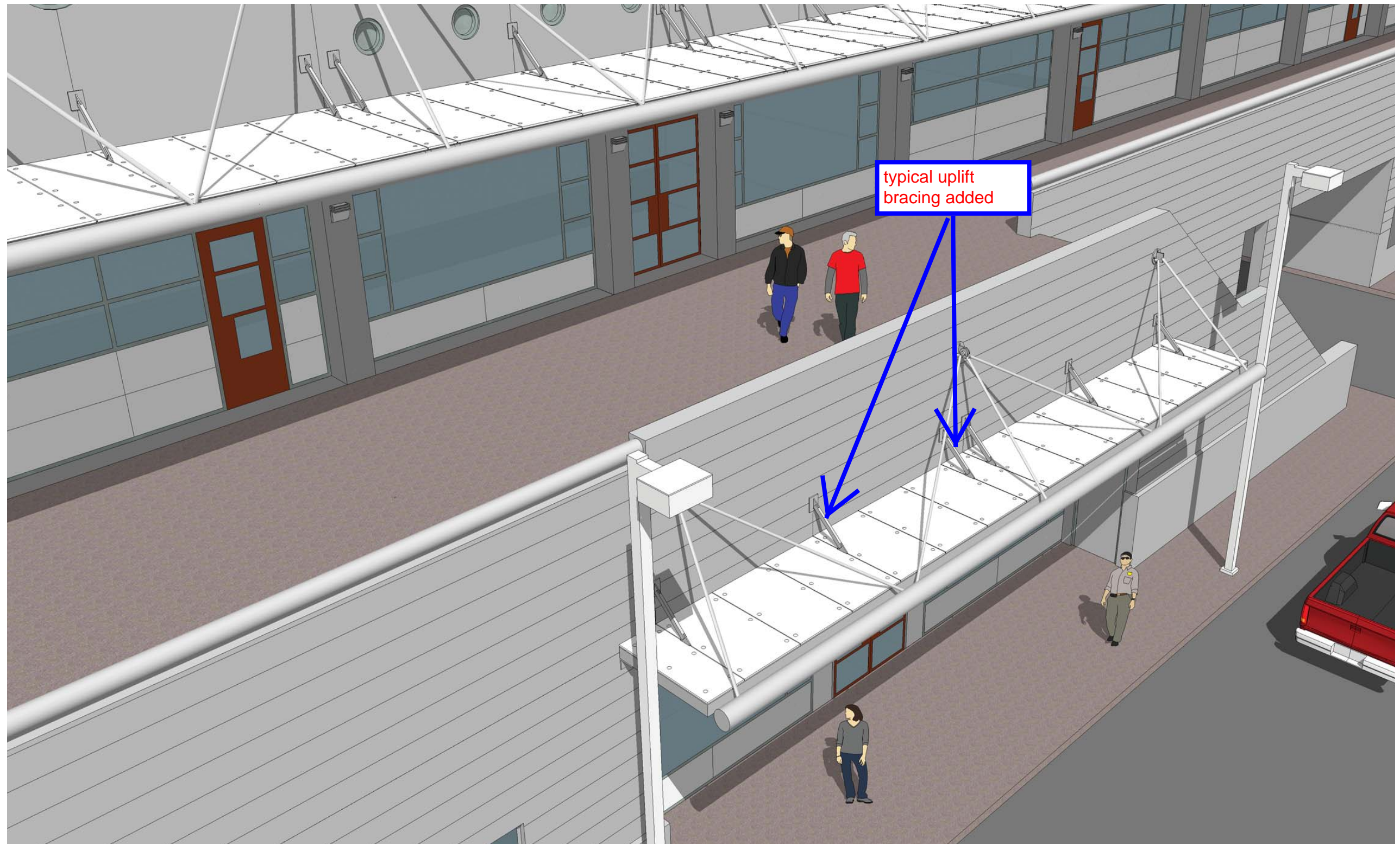
Existing and New Awning Sections



New Awning Perspective



New Awning Perspective



New Awning at Main Entrance



Street Level View