

# Aperture Del Mar

6040 Edgewood Bend Ct.  
San Diego, CA 92130

## KEY FEATURES:

- 20 ft. wide 40 ft. high stainless steel woven mesh screen
- Parking structure expansion joint
- Sheet metal flashing
- Cladding beams
- Decorative metals

## ROLE:

Installation, Per-Plan, Fabrication

## ARCHITECT:

Gensler

## CONTRACTOR:

McCarthy

San Diego's retiree population knows there's no better place to age. Thanks to the use of COR-TEN steel, this tech and life science campus will also grow into its beauty over time from an amber shade to espresso. The color may change but the rust won't. The steel's chemical composition forms a protective layer of rust to discourage further rusting which is essential for this seaside project.

Find the COR-TEN steel on the project's planter boxes, edgings along the landscape area, and a quarter inch of steel that's cladded inside the stairwell. There is also a bar area with a COR-TEN countertop and a heating element. We implemented the use of a laser to cut the thick steel.

The stairwell area required perfect engineering calculations to install 700 pound plates of COR-TEN steel along four levels. Exact calculations were needed to install the correct fasteners, bolts and attachments to ensure the panels were securely attached. To ensure a flawless installation, multiple iterations and drawings were sent back and forth to CSM's engineers to execute the owner's concept for this project.

Another key element of this project is a stainless steel decorative mesh screen from our vendor, GKD Glass. With no problems, we deftly installed the 20 ft. x 40 ft. tall screen. CSM provided general sheet metal flashings throughout the project.

