

# PACIFIC COMMONS

FREMONT, CA



## ***Project Description***

CMG lead the design and regulatory approval process for this 16 acre regional stormwater treatment wetland and trail system. The wetland treats stormwater from a highly developed 514 acre watershed. Detailed hydrologic modeling indicates that the system will treat an average of 88% of annual runoff. The design of the wetland system is emblematic of CMG's unique approach to complex system based landscapes which combine infrastructure with ecological and water quality functions. Habitat creation, hydraulic requirements, water quality parameters, public access, and maintenance considerations are all integrated within an artfully composed environment predicated on ecological parameters. A variety of wetland plant associations are combined in a sculpted mosaic based that will emerge and evolve over time based on seasonal water depths and flows. The project completes a mile long section of the regional Bay Trail system and includes a pedestrian loop and a series of overlook picnic areas.

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