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September 20, 2024

Project Description:

Fire Station 2 is a new 8,630 usable SF facility designed to replace the original station which was built in 1966. The 0.8 acre site is located on the north of Baker Street, east of Freeway 73. The station is located in a largely commercial corridor but is directly north of a residential portion of the City. The station is designed to accommodate eight fire fighters in an individual dormitory setting. Other station features include a two-bay, double-deep Apparatus Room, Administrative Office areas, Kitchen, Dining Room, Day Room, Physical Training Room, shop, medical supply storage, and the various support spaces required for a facility of this type. Circulation within the station is organized such that the utility areas and living spaces are situated closer to the Apparatus Bay to facilitate a quicker response in an emergency situation.

Site features include secured fire fighter parking, visitor parking, fuel station, emergency generator, hose tower, an open patio area to make use of daylight opportunities, and a metal carport sized at 96' long x 19' wide x 10' high having a cantilevered metal roof deck supported by metal posts and beams. The site encompasses a long driveway corridor to facilitate the return of apparatus due to its narrow lot.

The Fire Department preferred the traditional craftsman-style scheme that refines the massing into a residential form. This design is expressed through contrasting materials, including random-shaped stones, various earth-tone cement plaster colors, an asphalt shingle roof, and the clean horizontal lines of fiber cement siding that mimics wood. The stone display defining the pillars at the sides of the Apparatus Bay doors exhibits stability. The subtle colors of tan, beige, and white throughout the building are intended to blend harmoniously with the residential community. This feature also minimizes the scale, which often dominates typical fire station designs. Like other elements of this scheme, the form functions as a mechanical screen, shading element, and platform for photovoltaic panels. The red color is used sparingly and is strategically placed to maintain the identity of a fire station without overwhelming the overall aesthetic.



August 29, 2024

PRELIMINARY PROJECT SCHEDULE

Fire Station 2
City of Costa Mesa

PBK Project W2109200AR.02

PHASE	DESCRIPTION	Duration in Days	Start Date	Completion Date
1.0	Schematic Design	941	March 10, 2022	October 5, 2024
2.0	Design Development	103	October 16, 2024	January 26, 2025
3.0	Construction Documents	162	December 20, 2024	May 30, 2025
4.0	Bidding	138	June 13, 2025	October 28, 2025
5.0	Construction	731	November 7, 2025	November 7, 2027
	TOTAL	Days	2,075	
	PROJECT TIMELINE	Years	5.68	March 10, 2022
				November 7, 2027

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