



Civic Design

Phase II Design Development Narrative

January 11, 2015

Project Background

As part of the Terminal 1 Redevelopment Program, San Francisco International Airport (SFO) will be demolishing key facilities currently located within the South Field portion of its airfield in order to expand Terminal 1. These facilities include (among others) SFO's Ground Transportation Unit & Radio Shop (GTU), its City & County of San Francisco Fueling Station, and a 2-bay Vehicular Wash Station for use by Airport Commission vehicles. Each of these facilities will be replaced with a new facility to be co-located at SFO's Plot 700. In order to vacate the South Field area by July 1st, Phase I of construction work at Plot 700 will include the construction of a "Temporary" GTU, permanent Fueling Station, and a permanent Vehicular Wash. Phase II work will include the construction of the Permanent GTU facility. A future Phase III of work will include the construction of a new Bus Maintenance Facility (BMF) and Compressed Natural Gas (CNG) Fueling Station.

Building Concept – Fuel & Wash Station

To meet the aggressive Terminal 1 Redevelopment schedule, the GTU project must relocate the Fuel & Wash Station from South Field to Plot 700 by July 1, 2015. To do this, we are submitting these components of the project for Phase I Schematic Design approval prior to commencing design on the larger GTU facility.

Both the Fuel & Wash Station are "back-of-house," utilitarian buildings which will serve SFO. Each is designed to incorporate cost-effective, simple building systems & massing using durable and low-maintenance materials.

The Fuel Station is designed to provide weather protection for both users and fueling equipment. Its steel-framed super structure will be exposed above painted, pre-formed metal ceiling panels and set behind fiber-cement fascia panels. High-efficiency LED lighting will be recessed within the canopy. The size of the canopy is driven by functional requirements, and its form is consistent with industry-standard building systems.

The Wash Station is comprised of two open wash bays and enclosed electrical and equipment rooms. The cost-effective structure is constructed from durable, load-bearing CMU walls and a metal-framed roof structure. We propose two types of CMU for the walls: a lower base of dark grey ground-face, sealed block to facilitate cleaning and modulate scale and an upper zone of ground-faced white CMU to provide a contrasting color. The simple CMU form will be articulated by not only contrasting CMU color, but also strategically placed openings, painted steel-plate canopies, and wall-mounted lighting.