West Seattle
FIRE STATION 32
Replacement Project

Seattle Design Commission Meeting 2
Schematic Design

Presented by
Bohlin Cywinski Jackson
August 1, 2013
CLIENT
City of Seattle
Dept of Finance and Administrative Services
700 5th Ave., Suite 5200
PO Box 94680
Seattle WA 98124-4689
David Kunselman, Fire Levy Administrator
Mark Nakagawara, Senior Project Manager
Chief Michael H. Walsh, Battalion Chief, Retired

Seattle Fire Department
Chief William Hepburn, Deputy Fire Chief
Lt. Jared Fields, Station Representative
Sean Plattner, Station Representative
Michael Mann, Station Representative

DESIGN TEAM
Architect
BoHin Cywinski Jackson
1932 First Avenue, Suite 916
Seattle, WA 98101
Peter Bohlin, FAIA, Lead Designer
Robert Miller, FAIA, LEED, Principal in Charge
Mark Adams, AIA, Project Manager
Emma Nowinski, Project Architect

Structural
PCS Structural Solutions
811 First Avenue, Suite 510
Seattle WA 98104
Craig D. Stauffer, PE, President
Bob Copeland, PE, Project Manager

Civil
Coughlin Porter Lundeen
413 Pine Street, Suite 300
Seattle WA 98101
Alan Jacobson, PE, Associate Principal
Bart Balko, PE, Project Manager

Mechanical
Hargis
600 Stewart Street, Suite 1000
Seattle WA 98101
Vernon Enns, Senior Associate

Electrical
Travis Fitzmaurice & Associates
1200 Westlake Avenue N, Suite 509
Seattle WA 98109
Kevin Wartelle, Principal

Sustainability
Brightworks
412 NW Couch Street, Suite 202
Portland OR 97209
Joshua Hatch, Sustainability Advisor

Energy Modeling and Daylighting
Integrated Design Lab
100 NE Northlake Way, Suite 100
Seattle WA 98105
Joel Loveland, Director
Christopher Meek, Daylighting Specialist
Solarc Engineering
223 West 12th Avenue
Eugene, OR 97401
Michael Hatten, Principal
Eric Knowles

Fire Station Consultant
TCA Architecture and Planning
6211 Roosevelt Way NE
Seattle WA 98115
Brian Harris, Principal

Cost
Robinson Company
101 Stewart Street, Suite 925
Seattle WA 98101
Sharon Kennedy, Chief Estimator
Dan Casaday, Project Manager

Artist
Sean Orlando
Engineered Art Works
1422 Glenfield Avenue
Oakland CA 94602
Seattle Office of Arts & Cultural Affairs
Marcia Iwasaki, Public Art Program
SITE EVALUATION - WINTER CONDITIONS

FIRE STATION 32
Bohlin Cywinski Jackson

Seattle Design Commission Meeting 2 - Schematic Design
August 1, 2013
EXISTING STATION 32 - WEST ELEVATION
APPARATUS

TILLERED LADDER TRUCK

BATTALION CHIEF'S VEHICLE

MEDIC TRUCK

ENGINE
VIEW OF STATION, FACING EAST

VIEW OF STATION, FACING SOUTHWEST
1. Maximum Build Out
2. Drive-through | Apron
3. Area Reduction
4. Split Bays
SITE VS. PROGRAM ANALYSIS
SUSTAINABILITY STRATEGIES

ENERGY
- Highly insulated building envelope
- High performance glazing
- Passive ventilation
- Thermal mass
- Daylighting of occupied spaces
- Lighting and power outlet controls
- High efficiency appliances and HVAC system
- Waste water heat recovery
- Solar thermal domestic water heating
- Photovoltaic energy production

WATER
- Low-flow plumbing fixtures
- Drought-tolerant, native vegetation
- Rainwater for toilet flushing and truck washing

SITE AND NEIGHBORHOOD
- Green roofs and wall
- Street trees and low planting
- Permeable pedestrian paving
- Electric car charging station
- Bicycle parking

MATERIALS
- Durable, low-maintenance materials
- Low-VOC finishes
- Sustainably harvested wood products
- Red list material awareness
- Construction material reuse

LEED
- Required Certification: Gold 60-79 Points
- Target Certification: Platinum 80+ Points
- Anticipated LEED Credits: 73-95 Points
FIRE STATION ARTIST: SEAN ORLANDO