

ERIC SOHNG

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PROJECT EXPERIENCE

SF Traffic Control & Forensics Services Division (Crime Lab)

San Francisco, CA

Role: Project Engineer (VDC/MEP), **Clark Construction Group**

July 2019 – Present

Client: SF Public Works

Value: \$124M

Delivery: Design/Build

- * Manage \$40M worth of mechanical, electrical, plumbing, low voltage, and fire life safety scopes
- * Develop and manage metrics dashboards to track material delivery and ensure specifications are met
- * Protected trades' bottom lines by identifying and negotiating \$2.5M net of added or unidentified scope
- * BIM coordinated RCPs and overhead MEPs within 4 months of project NTP, 6 months prior to work in place
- * Analyzed critical path sequence and identified flow inefficiencies by generating 4D models with the schedule
- * Mitigated risks related to existing site conditions (e.g. power poles) via laser scan and building model overlays
- * Planned site logistics (e.g. hoist location, scaffold placement, crane assembly) by generating dynamic site models
- * Developed and executed a coordinated commissioning schedule to receive TCO 20 days ahead of schedule
- * Established and maintained building models for iPads to increase QOL and efficiency for field personnel

Highland Hospital Acute Care Tower Replacement

Oakland, CA

Role: Engineer (VDC/MEP), **Clark Construction Group**

Aug 2017 – July 2019

Client: Alameda Health System

Value: \$42M

Delivery: Design/Build

- * Managed \$11M worth of mechanical, electrical, plumbing, low voltage, and fire life safety scopes
- * Increased construction efficiency and mitigated rework costs via bi-weekly BIM coordination with trade models
- * Clarified design intent and verified constructability through coordination meetings with the architect and trades
- * Planned and executed the connection of new to existing structures without interruption to hospital operations
- * Leveraged relationships with county reviewers to expedite approval of deferred seismic design permits

COMMUNITY EXPERIENCE

ACE Mentor Program

San Francisco, CA

Mentor

Jan 2020 – May 2020

- * Assisted in developing sample project scope for teams of high school students interested in design/construction
- * Mentored teams in developing project plan to present to a board of mockup clients
- * Conducted workshops highlighting the function and value of BIM and VDC in the construction industry

Rebuilding Together

San Francisco, CA

Volunteer – Florence Fang Asian Community Garden

October 2019

- * Performed yardwork, cleaned, and painted in an effort to help repair homes in the Bayview neighborhood
- * Dug, cleaned, and sorted vegetables for the community garden in preparation for produce distribution
- * Participated in the green space beautification of the Bayview neighborhood as a part of Build with Pride

Habitat for Humanity

San Francisco, CA

Volunteer

June 2019

- * Participated in the green space beautification of the Bayview neighborhood as a part of Build with Pride

EDUCATION

Vanderbilt University

Nashville, TN

B.E. Mechanical Engineering, 2017

Minors – Engineering Management & Materials Science

Troy High School (Magnet Tech Program)

Fullerton, CA

Class of 2013

MISCELLANEOUS

Skills: MS Office, Project Management, Navisworks, Revit, AutoCAD, Sketchup, Synchro, SolidWorks, JS/HTML/CSS

Languages: English (native), Korean (fluent)

Interests: Rock climbing, fishing, snowboarding, surfing, competitive axe throwing