

Joe Terhemem Igber, PE

EXECUTIVE SUMMARY:

Experienced professional with proven organizational and communication skills within the construction industry. A self-motivated, critical thinker that values collaboration. Committed to achieving project results through asset management, resource delegation and solution development.

EDUCATION

Bachelor of Science in Civil Engineering - May 2004
Master of Science in Structural Engineering - December 2005
University of California at Berkeley

LICENSURE

CA – Civil
CA – Structural (pending)

SEDR Consulting (November 2009 - Present)

Independent Owner/Operator with proven ability to develop and implement construction strategies that support project objectives. Respected professional, known for a collaborative approach to structural design. Extensive field experience has resulted in an intuitive approach to resolving conflicts with creative solutions.

Substantial Projects:

955 Post

955 Post Street San Francisco, CA (On going)
- Structural Engineering for 8 story, 70 unit reinforced concrete multifamily residential building
- Developer: Tai-O Group

Soft Story Seismic Retrofit

2825 Sacramento Street San Francisco, CA (2016)
- Structural engineering of soft story of 4 Level, 16 units timber framed building

Petaluma River Bridge Demolition

Petaluma River Petaluma, CA (2015)
- Field engineer during demolition
- General Contractor: Cleveland Wrecking Company

Rodeo Creek Bridge Demolition

Rodeo Creek Rodeo, CA (2014)
- Engineer of record & on-site deconstruction administration
- General contractor: Granite Rock

Backroads Headquarters

801 Cedar Street Berkeley, CA (2013)
- Structural engineering for two-story timber framed commercial building
- Architect: Trachtenberg Architects

El Cerrito Natural Grocery

10367 San Pablo Avenue El Cerrito, CA (2012)
- Structural engineering for single story CMU commercial building
- Architect: Arkin-Tilt Architects

Biggs Cardosa Associates, Inc. Oakland, CA (October 2007 - August 2009)

Noteworthy project:

BART R-line Seismic Rehabilitation

- ✓ Assisted project management with supporting calculations and design documents.
- ✓ Formulated clever, time effective and budget saving designs while becoming a self-sufficient structural designer and construction coordinator.

FTF Engineering, Inc. San Francisco, CA (January 2006 - September 2007)

Experience gained:

- ✓ Became familiar with design as well as construction standards and basics while preparing intelligible construction documents.
- ✓ Began to understand the effect good coordination on delivering successful projects

KPFF Consulting Engineers San Francisco, CA (June 2005 - August 2005)

Capabilities:

- ✓ Completed multiple anchorage calculations complying with O.S.H.P.D. specifications
- ✓ Performed steel design of a 92ft. span by 6ft. deep truss

St. Onge & Associates Oakland, CA (June 2004 - August 2004)

Service provided:

- ✓ Designed a two-story bungalow, utilizing S.I.P. (Structural Insulated Panels) in Berkeley, CA
- ✓ Executed a structural retrofit of a two-story low density residential/commercial building in Berkeley, CA

Linhart Peterson Powers & Associates Pleasanton, CA (June 2003 - August 2003)

Skills Acquired:

- ✓ Reviewed commercial, industrial and residential building plans for compliance with appropriate codes and engineering principles
- ✓ Performed site inspections for residential and industrial structures

SOFTWARE

AutoCAD, Vectorworks, MS Excel, MS Word, RISA-3D, RAM Elements, PCACOL, LPile, Xtract, SAP2000 Nonlinear, WFrame, Enercalc, Mathcad

PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers (ASCE) - professional member
American Institute of Steel Construction (AISC) - professional member
American Concrete Institute (ACI) - professional member
American Institute of Aeronautics and Astronautics (AIAA) - professional member

ACHIEVEMENTS

2019, 2020 Best of the Bay in Structural Engineering (Oakland)
2013 1st Solo flight in a Cessna 172
2005 Major Division Championships of the San Francisco Soccer Football League
4 season captain and starting running back for the CAL football team (1999-2002)
Former California-Stanford Big Game record holder

COMMUNITY SERVICE

- ✓ Coalition of Concerned Medical Professionals - Structural engineering for relocated office headquarters (2018)
- ✓ Calpulli Tonalehqueh Group - Designed 30' tall mast-type structure for annual festival (2017)
- ✓ Ka'i Kids - Inspirational speaker for groups of at-risk youth; Iolani School Alumni (2016)
- ✓ POOR Magazine - Structural Engineering services for the 'Homefulness Project': Four, two story townhomes, community center and urban garden. (2014)

PERSONAL INTEREST

Environmentally responsible solutions in waste management & wastewater treatment
Emerging West African Economies
General Aviation

FAMILY

Wife: Katrece Stone, Executive Director, Head Over Heels Athletic Arts
Daughter: Leila Seember Igber, Academia de mi Abuela Preschool



Noelle Yuen brings 30 years of diverse technical and project management experience to Maffei Structural Engineering. Originally a bridge engineer with Caltrans, since 1991 she has focused her career on building structures, including institutional and civic buildings, transit stations, hospitals, and seismic retrofit and renovation projects. Noelle has experience with concrete, steel, masonry, and timber structures.

Noelle has developed special expertise in seismic design, peer review, and plan check. She has directed structural reviews of healthcare facilities throughout California (for the state agency OSHPD) and, since 2002, she has conducted seismic peer reviews of more than 40 tall building structures in San Francisco, Oakland, San Jose, Salt Lake City, San Diego, Sacramento, Seattle, and Bellevue. Noelle is equally fluent evaluating both seismic detailing and nonlinear response-history analyses assumptions and results for such structures.

Noelle brings an efficient and collaborative work approach to the projects she directs.

Education

Master of Science, Structural Engineering, UC Berkeley, 1991

Bachelor of Science, Civil Engineering, UC Berkeley, 1987

Registration

Registered Civil Engineer, California

Registered Structural Engineer, California

Professional Affiliations

Member of the Structural Engineers Association of Northern California (SEAONC)

Selected Publications

Maffei, Joe, and Noelle Yuen, 2007, "Seismic Performance and Design Requirements for High-Rise Concrete Buildings," *Structure Magazine*, April

Selected experience – High-rise Peer Review

11th Avenue & Broadway residential high-rise, seismic peer review, San Diego
 314 Bell high-rise, seismic peer review, Seattle, WA
 615 8th Avenue residential high-rise, seismic peer review, Seattle, WA
 710 Broadway residential high-rise, plan review, San Diego, CA
 1430 2nd Avenue office and residential high-rise, seismic peer review, Seattle, WA
 1521 Second Avenue residential high-rise, Seattle, WA
 1613 2nd Ave, seismic peer review, Seattle, WA
 1823 Minor Ave residential high-rise, Seattle, WA
 1920-1950 Broadway seismic peer review, Oakland, CA
 1916 Boren Avenue high-rise, seismic peer review, Seattle, WA
 2017 7th Street office/residential high-rise, Seattle, WA
 2025 5th Avenue residential high-rise, seismic peer review, Seattle, WA
 2031 3rd Avenue high-rise, seismic peer review, Seattle, WA
 2105 5th Avenue residential high-rise, review of fiber reinforced coupling beam alternate
 350 Mission Street office high-rise, seismic peer review, San Francisco, CA
 399 Fremont Street residential high-rise, San Francisco, CA
 800 Stewart Street residential high-rise, Seattle, WA
 802 Pine Street residential high-rise, Seattle, WA
 815 Pine Street residential high-rise, Seattle, WA
 Acorn Block 21, office high-rise, seismic peer review, Seattle, WA
 Bellevue Center residential high-rise, seismic peer review, Bellevue, WA
 Elev 8 residential high-rises, seismic peer review, Bellevue, WA
 Fana Four residential high-rise, Bellevue, WA
 Lincoln Square II office and hotel/residential, seismic peer review, Bellevue, WA
 Olive 8 hotel/residential high-rise, Seattle, WA
 Park and Market high-rise, structural plan review, San Diego, CA
 Rufus 2.0 Block 14 office high-rise, seismic peer review, Seattle, WA
 Rufus 2.0 Block 19 office high-rise, seismic peer review, Seattle, WA
 San Jose SC towers, residential high-rises, seismic peer review, San Jose, CA
 Streetlights residential high-rise, seismic peer review, San Diego, CA

Selected experience – high rise peer review continued The Bravern high-rise complex, Bellevue, WA
Transbay Block 6 residential high-rise, seismic peer review, San Francisco, CA
Transbay Block 9 high-rise, seismic peer review, San Francisco, CA

Selected experience – peer review (mid-rise and low-rise) 1321 Mission Street, The Panoramic Micro-Apartments, San Francisco, CA
270 Brannan Street, San Francisco, CA
525 Golden Gate Avenue, Public Utilities Commission Building, San Francisco, CA
Park and Market mid-rise office, plan review of concrete moment frame, San Diego, CA
King Street Station Seismic Retrofit, Seattle, WA
Moscone Center Expansion, peer review of headed reinforcement, San Francisco
Multnomah County Courthouse damped high-rise, seismic peer review, Portland, OR
UCSC Modular Student Housing Peer Review, Santa Cruz, CA
UCSF Building 23A Weill Neurosciences Center, structural plan check, San Francisco, CA
UCSF Building 33 laboratory, seismic peer review
UCSF Clinical Sciences Building, seismic peer review
War Memorial Veterans Building Seismic Retrofit, San Francisco, CA

Selected experience – Seismic evaluations and structural design ATC 66, 2014 Napa earthquake reconnaissance
BART East Dublin/Pleasanton Station, Dublin, CA
Berkeley Public Library Renovations & Additions, Berkeley, CA
California Department of Transportation, Division of Structures,
Sacramento, CA - design and construction of highway bridges, CA
Children's Hospital Oakland Expansion, Oakland, CA
Evaluation of roof collapse, San Jose, CA
First Unitarian Church Renovation and Addition, Oakland, CA
Folsom State Prison Seismic Strengthening, Folsom, CA
Kaiser Geary Campus Renovation & Addition, San Francisco, CA
Kaiser Vallejo 2008 Tower, Vallejo, CA
Navy Post Graduation School Herrmann Hall Seismic Study, Monterey, CA
San Quentin Prison Seismic Strengthening East, West and South Cell Blocks, San Quentin, CA
Solar carport truss structures, structural engineering development and design, Quest
Renewables and Georgia Tech Research Institute
Stanford University Language Corner Rehabilitation, Stanford, CA
Structural design of seismically isolated museum exhibits, Exploratorium, San Francisco, CA
UC Berkeley Bowles Hall renovation and seismic retrofit, Berkeley, CA
UC Berkeley Residence Halls Units 1,2, & 3 peer review of seismic retrofit, Berkeley, CA
UC San Francisco Mt. Zion Research Building, San Francisco, CA
UC Santa Cruz campus-wide seismic evaluations, Santa Cruz, CA
U.S. Fish & Wildlife Service, seismic evaluations, Nationwide
VA/USAF Hospital, Travis Air Force Base, Fairfield, CA

Employment at consulting firms January 2013-Present Maffei Structural Engineering, Senior Engineer and Principal
1991-2013 Rutherford + Chekene, San Francisco (2003-2013 Senior Technical Consultant,
1991-2003 Senior Associate/Structural Engineer)
1987-1990 California Department of Transportation, Division of Structures, Civil Engineer



Ken Lindberg

Vice President, Estimator | 42 Years Experience | 36 Years with Power

Ken Provides pre-construction design consulting, budgeting, and estimating on complex marine and civil projects. As a long-time leader in Heavy Civil and Marine construction and co-founder of Power Engineering, Ken is known for taking on complex projects with an innate ability to breakdown a project into achievable construction solutions. His solutions focus on safety, quality, and client satisfaction.

Education:

BS Civil Engineering - California Polytechnic University, San Luis Obispo, CA, 1979

Professional:

Civil Engineer, California License# C 040884

Career Experience:

Power Engineering Construction Company – Vice President	2012-Present
Power Engineering Construction Company – President	1996-2012
Power Engineering Construction Company – VP, General Manager	1990-1996
Power Engineering Construction Company – VP, Construction Operations	1986-1990
Power-Anderson Construction, Inc. – Project Engineer, Project Manager	1980-1986

Relevant Project Experience:

SVCW Plant Effluent Outfall Repair Exploratorium Pier 15 & 17 Repairs - 2015 to 2016

Ken is the project lead for replacing an existing 66" RCP Plant Outfall at the SVCW Wastewater Treatment Plant in Redwood City with 63" HDPE. The Outfall discharges into San Francisco Bay where the work must consider and adapt to the tide fluctuations. The project includes removing the lining and recoating the existing 66" steel pipe to remain in service. This phase is 80% complete.

Exploratorium Pier 15 & 17 Repairs – 2010 to 2012

Power Engineering performed as the marine Prime Contractor for this \$51M project. The project required a complete reconstruction of Pier 15 and 17 as part of a conversion into the Exploratorium Museum. Work activities included a seismic upgrade of Pier 15, complete reconstruction of both pier aprons, driving of steel piling ranging from 20" to 72" diameter, removal of a large portion of the concrete infill deck between the piers, extensive below deck and below water concrete repair, heavy timber framing, and new cast-in-place deck sections along the entrance corridors to the new museum.

PST Effluent Outfall Channel Coating Repairs - 2009

Replaced an existing effluent channel coating system on both concrete and steel surfaces within the channel. Effluent flow was bypassed to allow for repair of the concrete substrate, blasting of steel elements, and application of a new effluent channel coating systems.

Coating replacement required the design and installation of temporary bulkheads in the operating channel and installation/operation of a pump diversion system. The bulkheads and dewatering system allowed us to drain the PST Effluent Channel. Bulkhead and bypass installation and removal were completed by Power Engineering's ADCI dive teams. Once the channel was dewatered, PEC crews repaired damaged channel concrete and the concrete and steel coatings within the Effluent Channel were replaced.



E.B. Min, AIA Principal

E.B. Min, AIA is the San Francisco based principal of Min Design. A graduate of Brown University with dual concentrations in Art History and Studio Art, E.B. received her Master of Architecture from U.C. Berkeley. She has taught at U.C. Berkeley and is an Adjunct Professor at California College of the Arts in San Francisco. E.B. has served on the boards of both the AIA S.F. and the AIA California Council. During her tenure on the AIA S.F. board, E.B. helped form the Missing 32% project to address issues of design equity. Recently she has worked to expand Min Design's work into furniture design with the formation of mdMOD furniture.

Background

Education

University of California, Berkeley
Master of Architecture

Brown University,
Bachelor of Arts w/ Honors,
Art History and Studio Art

Professional Registration

Registered Architect, CA: C32720

Professional Affiliations

American Institute of Architects

Board of Directors, AIA CC
2013-2015

Board of Directors, AIA San Francisco
2011-2012

Teaching

California College of the Arts, Adjunct Professor 2006-present

University of California, Berkeley,
Lecturer 2005

Honors and Awards

Emerging Voices, The Architectural League of New York, 2016

Rising Star, Residential Architect's Leadership Awards, 2010

Design Vanguard Recipient,
Architectural Record, 2009

New Practices San Francisco, AIA San Francisco and the Center for Art, 2009

Emerging Talent,
Monterey Design Conference, 2007

Selected Project Experience

Balboa Reservoir Building F

150 unit Affordable Housing, Associate Architect with David Baker Architects
San Francisco, CA 2021-Current

1011 Turk Street

Interior Improvements to an emergency dispatch center with TEF Architects
San Francisco, CA 2020-Current

China Basin Park:

Food & Beverage Pavilion

Design of park structures including a food and beverage pavilion, restrooms and kiosks, for the new 5-acre China Basin Park
San Francisco, CA, 2018 - Current

Hunter's View Phase IIIA

109 unit Affordable Housing, Associate Architect with David Baker Architects
San Francisco, CA 2018-Current

Pier 70, Building E2

277 unit Multi-family Residential + Mixed use Podium Interior Design
San Francisco, CA 2018-Current

SOMA Mixed Use Project

145,000 sf Vertical Addition and New Office Building, San Francisco, 2018-Current

Cisco Umbrella (OpenDNS)

56,000 sf Multi-phased Workplace Design, Core and Shell Improvements, and Seismic Upgrade for entire building.
San Francisco, 2013 - 2018

Counsyl Phases I - IV + Master Plan

20,000 sf Office Interior for Biotech
South San Francisco, CA 2014-15

22nd Street Residences

250 unit Multi-family Residential Design Consultant + Entitlements
San Francisco, CA 2015-2016

DPW As-Needed Services Contract

As-Needed Contract for Architectural Services (JV partner with TEF Design)
San Francisco, CA 2014-Current

Pocket Gems Phases I - V

39,000 sf Office Interior Improvement
San Francisco, CA 2011-15

PUC Moccasin Shops + Office

10,000 sf Office Interior FF&E
Moccasin, CA 2015-Current

SF DBI Strategic Facilities Plan

Facilities Analysis, Programming and Feasibility Report for SF DBI
San Francisco, CA 2014

BART / Muni Entrance Enclosures

Invited Proposal for reimagined Market Street entrances (unbuilt)
San Francisco, CA 2014

Light Jackets

Finalist, Invited Competition by DPW and JCDecaux to reimagine and redesign San Francisco's public toilets and kiosks, 2018

Bluebarn Theatre

10,000 sf Community Theatre
Omaha, NE 2013-2015

SEADC Office + Community Center

5,000 sf Interior Improvement
San Francisco, CA 2015-Current

18th Street Mixed-Use

19-unit Residential w/ Ground Floor Retail Schematic Design + Entitlements
San Francisco, CA 2015-Current

SCU Multi-faith Sanctuary

Sanctuary within Historic Space (unbuilt)
Santa Clara, CA 2013

Meng Hsiu, Chen, P.E.

Principal-in-Charge /Senior Engineer

Mr. Chen is an Engineer with over 35 years of experience in the Mechanical and Plumbing Engineering industry. Since the initiation of MHC Engineers in 1993, Mr. Chen has directed, coordinated many of the major projects undertaken by the firm, which have required high levels of creativity and comprehensiveness.

Mr. Chen has participated in the design and construction of many diverse developments including destination airport/Terminal, schools, hotels, financial institutions, hospitals/clinic, medical offices, restaurants and commercial and residential complexes throughout the United States.

As a Consultant, Mr. Chen has assisted the development of many projects throughout the country by providing special studies, conceptual design, performance specifications, construction documents and construction support in HVAC, Plumbing, Fire Protection, High Rise Life Safety, Energy Conservation (Title 24) and Energy Management Systems services.

Contact Information

mhc@mhcengr.com
(415) 512-7141

Years of Experience: 35+ Years

Years with Firm: 28 Years

Education

Master of Engineering Mechanical,
University of California, Berkeley

Professional Registration

Registered Engineer,
California M-19582
Nevada - 6165

Professional Affiliations

Member, ASME, ASHRAE, NFPA,
AAAE

Port/Pier Projects

Mission Bay Ferry Landing
San Francisco, CA

Hyde Street Harbor
San Francisco, CA

Ferry Building
San Francisco, CA

Pier 40 North Guest Dock
San Francisco, CA

Pier 1½, 3 & 5
San Francisco, CA

Pier 39
San Francisco, CA

Pier 9
San Francisco, CA

Airport/Terminal Projects

**Virgin America, Terminal 2,
San Francisco International Airport**
San Francisco, CA

**Building 575,
San Francisco International Airport**
San Francisco, CA

**Grand Hyatt Hotel,
San Francisco International Airport**
San Francisco, CA

**SFO EMCS,
San Francisco International Airport**
San Francisco, CA

**SFO JetBlue Office,
San Francisco International Airport**
San Francisco, CA

**SFO Materials Lab
San Francisco International Airport**
San Francisco, CA

**Business Data Center,
San Francisco International Airport**
San Francisco, CA

Government/Public Agency

San Francisco Housing Authority
San Francisco, CA

San Francisco Unified District,
San Francisco, CA

Novato Unified School District,
Novato, CA

Los Altos School District,
Los Altos, CA

Housing Projects

Bayview Hunters Point
San Francisco, CA

Edward II
San Francisco, CA

Rosa Park II,
San Francisco, CA

Mission Bay, Block N1,
San Francisco, CA

5800 3rd Street,
San Francisco, CA

490 South Van Ness,
San Francisco, CA

Offices Projects

One Front Street,
San Francisco, CA

One Kearny Street,
San Francisco, CA

100 Pine Street,
San Francisco, CA

1275 Market Street,
San Francisco, CA

595 Market Street,
San Francisco, CA